Appendix R-D

Human Health Risk Analysis

R-D1 – Dispersion Results

Phase: 1A
Source Group: Diesel Exhaust

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	1.55E+00	1.24E+00	1.12E+00	1.05E+00	4.11E+00	3.60E+00	3.44E+00	3.37E+00	2.23E-01	1.78E-01	1.61E-01	4.61E-01	5.92E-01	5.19E-01	4.95E-01	1.48E+00	2.26E-03	1.81E-03	1.63E-03	2.05E-02	6.00E-03	5.26E-03	5.02E-03	6.59E-02
-1778.03	-291.29	1.43E+00	1.14E+00	1.03E+00	9.65E-01	3.78E+00	3.31E+00	3.16E+00	3.10E+00	2.33E-01	1.86E-01	1.68E-01	4.52E-01	6.18E-01	5.42E-01	5.17E-01	1.45E+00	2.02E-03	1.61E-03	1.46E-03	1.96E-02	5.36E-03	4.70E-03	4.48E-03	6.31E-02
-1732.28	175.05	1.29E+00	1.03E+00	9.28E-01	8.72E-01	3.41E+00	2.99E+00	2.86E+00	2.80E+00	2.43E-01	1.93E-01	1.75E-01	5.05E-01	6.43E-01	5.63E-01	5.38E-01	1.62E+00	1.80E-03	1.43E-03	1.29E-03	1.60E-02	4.76E-03	4.17E-03	3.98E-03	5.14E-02
-1579.43	347.93	1.24E+00	9.87E-01	8.92E-01	8.43E-01	3.28E+00	2.88E+00	2.75E+00	2.71E+00	1.93E-01	1.54E-01	1.39E-01	3.59E-01	5.11E-01	4.48E-01	4.28E-01	1.15E+00	1.60E-03	1.28E-03	1.15E-03	1.32E-02	4.25E-03	3.72E-03	3.55E-03	4.22E-02
-1525.43	516.64	1.22E+00	9.69E-01	8.75E-01	8.23E-01	3.22E+00	2.82E+00	2.69E+00	2.64E+00	1.52E-01	1.21E-01	1.09E-01	3.28E-01	4.03E-01	3.53E-01	3.37E-01	1.06E+00	1.32E-03	1.05E-03	9.50E-04	1.00E-02	3.50E-03	3.07E-03	2.93E-03	3.22E-02
-1332.88	500.04	1.26E+00	1.00E+00	9.05E-01	8.51E-01	3.33E+00	2.92E+00	2.79E+00	2.73E+00	1.57E-01	1.25E-01	1.13E-01	3.52E-01	4.16E-01	3.65E-01	3.48E-01	1.13E+00	1.58E-03	1.26E-03	1.14E-03	1.18E-02	4.19E-03	3.67E-03	3.50E-03	3.78E-02
-1140.45	476.30	1.33E+00	1.06E+00	9.55E-01	8.97E-01	3.51E+00	3.08E+00	2.94E+00	2.88E+00	1.71E-01	1.37E-01	1.23E-01	3.56E-01	4.54E-01	3.98E-01	3.80E-01	1.14E+00	1.98E-03	1.58E-03	1.42E-03	1.53E-02	5.24E-03	4.59E-03	4.38E-03	4.90E-02
-672.12	353.55	1.64E+00	1.31E+00	1.18E+00	1.16E+00	4.36E+00	3.82E+00	3.64E+00	3.71E+00	2.31E-01	1.84E-01	1.66E-01	6.25E-01	6.12E-01	5.36E-01	5.12E-01	2.01E+00	5.54E-03	4.42E-03	3.99E-03	4.33E-02	1.47E-02	1.29E-02	1.23E-02	1.39E-01
-169.37	170.38	1.66E+00	1.32E+00	1.20E+00	1.41E+00	4.40E+00	3.86E+00	3.68E+00	4.54E+00	3.95E-01	3.15E-01	2.85E-01	9.20E-01	1.05E+00	9.18E-01	8.77E-01	2.96E+00	1.74E-02	1.38E-02	1.25E-02	1.11E-01	4.60E-02	4.03E-02	3.85E-02	3.58E-01
-75.04	299.11	1.38E+00	1.10E+00	9.97E-01	1.16E+00	3.67E+00	3.21E+00	3.07E+00	3.74E+00	3.12E-01	2.48E-01	2.24E-01	7.15E-01	8.26E-01	7.24E-01	6.91E-01	2.30E+00	1.07E-02	8.55E-03	7.72E-03	7.85E-02	2.84E-02	2.49E-02	2.38E-02	2.52E-01
49.15	527.20	1.07E+00	8.56E-01	7.74E-01	8.96E-01	2.85E+00	2.49E+00	2.38E+00	2.88E+00	2.13E-01	1.70E-01	1.53E-01	5.31E-01	5.64E-01	4.94E-01	4.72E-01	1.71E+00	5.75E-03	4.58E-03	4.14E-03	4.85E-02	1.52E-02	1.33E-02	1.27E-02	1.56E-01
144.22	648.15	9.60E-01	7.65E-01	6.91E-01	8.01E-01	2.54E+00	2.23E+00	2.13E+00	2.57E+00	1.65E-01	1.32E-01	1.19E-01	4.59E-01	4.38E-01	3.84E-01	3.66E-01	1.47E+00	4.39E-03	3.50E-03	3.16E-03	3.86E-02	1.16E-02	1.02E-02	9.73E-03	1.24E-01
394.15	623.31	7.94E-01	6.33E-01	5.72E-01	7.92E-01	2.10E+00	1.84E+00	1.76E+00	2.54E+00	1.08E-01	8.59E-02	7.77E-02	4.41E-01	2.86E-01	2.50E-01	2.39E-01	1.42E+00	3.88E-03	3.09E-03	2.80E-03	3.30E-02	1.03E-02	9.01E-03	8.60E-03	1.06E-01
501.62	717.12	6.38E-01	5.09E-01	4.60E-01	7.20E-01	1.69E+00	1.48E+00	1.41E+00	2.31E+00	8.66E-02	6.91E-02	6.24E-02	3.97E-01	2.30E-01	2.01E-01	1.92E-01	1.28E+00	3.12E-03	2.48E-03	2.24E-03	2.72E-02	8.26E-03	7.23E-03	6.91E-03	8.72E-02
618.47	665.12	6.56E-01	5.23E-01	4.73E-01	7.19E-01	1.74E+00	1.52E+00	1.45E+00	2.31E+00	8.88E-02	7.08E-02	6.40E-02	4.08E-01	2.35E-01	2.06E-01	1.97E-01	1.31E+00	2.95E-03	2.36E-03	2.13E-03	2.52E-02	7.83E-03	6.86E-03	6.55E-03	8.09E-02
755.45	579.13	7.59E-01	6.05E-01	5.47E-01	7.40E-01	2.01E+00	1.76E+00	1.68E+00	2.38E+00	9.95E-02	7.93E-02	7.16E-02	3.81E-01	2.64E-01	2.31E-01	2.20E-01	1.22E+00	2.74E-03	2.18E-03	1.97E-03	2.26E-02	7.26E-03	6.36E-03	6.08E-03	7.25E-02
867.79	485.41	7.41E-01	5.90E-01	5.33E-01	7.60E-01	1.96E+00	1.72E+00	1.64E+00	2.44E+00	9.47E-02	7.55E-02	6.82E-02	3.16E-01	2.51E-01	2.20E-01	2.10E-01	1.01E+00	2.50E-03	1.99E-03	1.80E-03	2.00E-02	6.62E-03	5.80E-03	5.54E-03	6.43E-02
955.03	377.60	6.02E-01	4.80E-01	4.34E-01	7.51E-01	1.60E+00	1.40E+00	1.33E+00	2.41E+00	7.63E-02	6.08E-02	5.49E-02	2.89E-01	2.02E-01	1.77E-01	1.69E-01	9.28E-01	2.28E-03	1.82E-03	1.64E-03	1.78E-02	6.04E-03	5.29E-03	5.05E-03	5.73E-02
1331.68	-165.58	9.38E-01	7.48E-01	6.76E-01	7.28E-01	2.49E+00	2.18E+00	2.08E+00	2.34E+00	1.17E-01	9.35E-02	8.45E-02	2.22E-01	3.11E-01	2.72E-01	2.60E-01	7.14E-01	1.97E-03	1.57E-03	1.42E-03	1.36E-02	5.21E-03	4.57E-03	4.36E-03	4.35E-02
1406.74	-290.13	9.88E-01	7.87E-01	7.11E-01	6.95E-01	2.62E+00	2.29E+00	2.19E+00	2.23E+00	1.23E-01	9.84E-02	8.89E-02	2.33E-01	3.27E-01	2.87E-01	2.74E-01	7.49E-01	1.98E-03	1.58E-03	1.43E-03	1.46E-02	5.26E-03	4.61E-03	4.40E-03	4.70E-02
1456.20	-436.06	1.19E+00	9.47E-01	8.56E-01	8.04E-01	3.15E+00	2.76E+00	2.63E+00	2.58E+00	1.49E-01	1.18E-01	1.07E-01	2.26E-01	3.94E-01	3.45E-01	3.29E-01	7.25E-01	2.16E-03	1.72E-03	1.56E-03	1.78E-02	5.73E-03	5.02E-03	4.79E-03	5.71E-02
1209.21	-528.32	1.48E+00	1.18E+00	1.07E+00	1.00E+00	3.92E+00	3.44E+00	3.28E+00	3.22E+00	1.85E-01	1.47E-01	1.33E-01	3.45E-01	4.90E-01	4.30E-01	4.10E-01	1.11E+00	3.61E-03	2.88E-03	2.60E-03	3.18E-02	9.58E-03	8.39E-03	8.01E-03	1.02E-01
913.01	-694.67	1.10E+00	8.78E-01	7.93E-01	1.20E+00	2.92E+00	2.56E+00	2.44E+00	3.85E+00	1.38E-01	1.10E-01	9.91E-02	6.55E-01	3.65E-01	3.19E-01	3.05E-01	2.10E+00	1.24E-02	9.90E-03	8.95E-03	9.07E-02	3.29E-02	2.88E-02	2.75E-02	2.91E-01
717.24	-664.22	1.47E+00	1.17E+00	1.06E+00	1.38E+00	3.89E+00	3.41E+00	3.25E+00	4.44E+00	2.29E-01	1.82E-01	1.65E-01	7.52E-01	6.06E-01	5.31E-01	5.07E-01	2.42E+00	2.36E-02	1.88E-02	1.70E-02	1.76E-01	6.25E-02	5.47E-02	5.23E-02	5.66E-01
544.23	-594.35	1.78E+00	1.42E+00	1.28E+00	1.66E+00	4.72E+00	4.14E+00	3.95E+00	5.32E+00	2.98E-01	2.37E-01	2.14E-01	9.35E-01	7.89E-01	6.91E-01	6.60E-01	3.00E+00	3.35E-02	2.67E-02	2.42E-02	2.45E-01	8.89E-02	7.79E-02	7.44E-02	7.87E-01
338.12	-539.73	2.46E+00	1.96E+00	1.77E+00	2.18E+00	6.52E+00	5.71E+00	5.45E+00	7.01E+00	4.67E-01	3.72E-01	3.36E-01	1.24E+00	1.24E+00	1.08E+00	1.03E+00	3.99E+00	4.88E-02	3.89E-02	3.52E-02	3.39E-01	1.29E-01	1.13E-01	1.08E-01	1.09E+00
123.44	-529.45	3.38E+00	2.70E+00	2.44E+00	2.41E+00	8.97E+00	7.86E+00	7.50E+00	7.75E+00	9.15E-01	7.29E-01	6.59E-01	1.84E+00	2.42E+00	2.12E+00	2.03E+00	5.90E+00	7.39E-02	5.89E-02	5.32E-02	5.60E-01	1.96E-01	1.72E-01	1.64E-01	1.80E+00
-353.26	-515.05	3.22E+00	2.56E+00	2.32E+00	2.23E+00	8.53E+00	7.47E+00	7.13E+00	7.17E+00	8.94E-01	7.13E-01	6.44E-01	1.91E+00	2.37E+00	2.08E+00	1.98E+00	6.13E+00	7.19E-02	5.73E-02	5.18E-02	5.83E-01	1.90E-01	1.67E-01	1.59E-01	1.87E+00
-537.68	-487.80	3.33E+00	2.65E+00	2.40E+00	2.30E+00	8.81E+00	7.72E+00	7.37E+00	7.40E+00	8.81E-01	7.02E-01	6.35E-01	1.86E+00	2.34E+00	2.05E+00	1.95E+00	5.98E+00	7.39E-02	5.89E-02	5.32E-02	5.72E-01	1.96E-01	1.71E-01	1.64E-01	1.84E+00
-775.51	-486.07	3.34E+00	2.66E+00	2.41E+00	2.37E+00	8.85E+00	7.75E+00	7.40E+00	7.61E+00	8.54E-01	6.81E-01	6.15E-01	1.75E+00	2.26E+00	1.98E+00	1.89E+00	5.63E+00	6.01E-02	4.79E-02	4.33E-02	4.68E-01	1.59E-01	1.39E-01	1.33E-01	1.50E+00
-1414.44	-481.50	1.99E+00	1.58E+00	1.43E+00	1.35E+00	5.27E+00	4.62E+00	4.41E+00	4.32E+00	3.79E-01	3.02E-01	2.73E-01	6.50E-01	1.00E+00	8.80E-01	8.40E-01	2.09E+00	4.05E-03	3.23E-03	2.92E-03	3.12E-02	1.07E-02	9.40E-03	8.97E-03	1.00E-01
-1515.21	-320.18	1.97E+00	1.57E+00	1.42E+00	1.33E+00	5.21E+00	4.57E+00	4.36E+00	4.28E+00	3.04E-01	2.43E-01	2.19E-01	6.24E-01	8.07E-01	7.07E-01	6.75E-01	2.01E+00	3.13E-03	2.49E-03	2.25E-03	2.90E-02	8.29E-03	7.26E-03	6.93E-03	9.32E-02
-1749.69	-63.90	1.16E+00	9.25E-01	8.36E-01	9.01E-01	3.07E+00	2.69E+00	2.57E+00	2.90E+00	2.19E-01	1.74E-01	1.57E-01	5.33E-01	5.79E-01	5.08E-01	4.85E-01	1.71E+00	2.08E-03	1.66E-03	1.50E-03	2.01E-02	5.52E-03	4.83E-03	4.61E-03	6.46E-02
-920.57	426.17	1.48E+00	1.18E+00	1.07E+00	1.00E+00	3.93E+00	3.44E+00	3.28E+00	3.22E+00	1.95E-01	1.56E-01	1.41E-01	4.61E-01	5.18E-01	4.54E-01	4.33E-01	1.48E+00	3.00E-03	2.39E-03	2.16E-03	2.39E-02	7.95E-03	6.96E-03	6.65E-03	7.69E-02
-420.73	233.87	1.76E+00	1.41E+00	1.27E+00	1.29E+00	4.67E+00	4.09E+00	3.91E+00	4.13E+00	3.56E-01	2.84E-01	2.57E-01	7.68E-01	9.45E-01	8.27E-01	7.90E-01	2.47E+00	1.24E-02	9.86E-03	8.91E-03	8.50E-02	3.28E-02	2.87E-02	2.74E-02	2.73E-01
1090.12	214.10	8.96E-01	7.14E-01	6.45E-01	7.52E-01	2.37E+00	2.08E+00	1.99E+00	2.42E+00	1.12E-01	8.93E-02	8.07E-02	2.82E-01	2.97E-01	2.60E-01	2.48E-01	9.05E-01	1.99E-03	1.59E-03	1.43E-03	1.48E-02	5.28E-03	4.62E-03	4.41E-03	4.75E-02
1183.39	65.17	1.14E+00	9.10E-01	8.22E-01	7.73E-01	3.03E+00	2.65E+00	2.53E+00	2.48E+00	1.43E-01	1.14E-01	1.03E-01	2.24E-01	3.78E-01	3.31E-01	3.16E-01	7.19E-01	1.97E-03	1.57E-03	1.42E-03	1.37E-02	5.23E-03	4.58E-03	4.37E-03	4.39E-02
1055.30	-577.42	1.62E+00	1.29E+00	1.17E+00	1.10E+00	4.30E+00	3.77E+00	3.60E+00	3.53E+00	2.03E-01	1.62E-01	1.46E-01	4.95E-01	5.38E-01	4.71E-01	4.50E-01	1.59E+00	5.69E-03	4.53E-03	4.10E-03	4.84E-02	1.51E-02	1.32E-02	1.26E-02	1.55E-01
-103.02	-518.78	3.39E+00	2.71E+00	2.44E+00	2.38E+00	8.99E+00	7.88E+00	7.52E+00	7.64E+00	9.82E-01	7.82E-01	7.07E-01	2.10E+00	2.60E+00	2.28E+00	2.18E+00	6.76E+00	8.26E-02	6.59E-02	5.95E-02	6.44E-01	2.19E-01	1.92E-01	1.83E-01	2.07E+00
-1076.39	-488.67	2.96E+00	2.36E+00	2.13E+00	2.22E+00	7.86E+00	6.88E+00	6.57E+00	7.12E+00	6.41E-01	5.11E-01	4.62E-01	1.33E+00	1.70E+00	1.49E+00	1.42E+00	4.28E+00	1.69E-02	1.35E-02	1.22E-02	1.40E-01	4.49E-02	3.93E-02	3.75E-02	4.49E-01
-4113.79	-1330.97	2.97E-01	2.37E-01	2.14E-01	2.17E-01	7.87E-01	6.89E-01	6.58E-01	6.97E-01	4.18E-02	3.33E-02	3.01E-02	7.74E-02	1.11E-01	9.70E-02	9.26E-02	2.49E-01	4.70E-04	3.70E-04	3.40E-04	2.82E-03	1.25E-03	1.09E-03	1.04E-03	9.06E-03
-5050.04	-958.41	2.26E-01	1.80E-01	1.63E-01	1.68E-01	5.99E-01	5.25E-01	5.01E-01	5.41E-01	3.03E-02	2.42E-02	2.19E-02	6.29E-02	8.04E-02	7.04E-02	6.73E-02	2.02E-01	3.00E-04	2.40E-04	2.20E-04	2.21E-03	8.10E-04	7.10E-04	6.70E-04	7.11E-03
-4023.97	-112.26	3.12E-01	2.49E-01	2.25E-01	2.59E-01	8.27E-01	7.24E-01	6.92E-01	8.33E-01	6.66E-02	5.31E-02	4.80E-02	1.06E-01	1.77E-01	1.55E-01	1.48E-01	3.41E-01	4.00E-04	3.20E-04	2.90E-04	3.95E-03	1.07E-03	9.40E-04	8.90E-04	1.27E-02
-2122.34	995.23	7.32E-01	5.83E-01	5.27E-01	4.95E-01	1.94E+00	1.70E+00	1.62E+00	1.59E+00	9.15E-02	7.29E-02	6.59E-02	1.79E-01	2.42E-01	2.12E-01	2.03E-01	5.74E-01	5.90E-04	4.70E-04	4.20E-04	4.27E-03	1.55E-03	1.36E-03	1.30E-03	1.37E-02
-2734.69	227.40	6.10E-01	4.86E-01	4.39E-01	4.42E-01	1.62E+00	1.42E+00	1.35E+00	1.42E+00	9.49E-02	7.57E-02	6.84E-02	2.49E-01	2.52E-01	2.20E-01	2.10E-01	8.00E-01	8.70E-04	7.00E-04	6.30E-04	7.87E-03	2.31E-03	2.03E-03	1.93E-03	2.53E-02
-2371.11	-69.21	6.29E-01	5.01E-01	4.53E-01	5.76E-01	1.67E+00	1.46E+00	1.39E+00	1.85E+00	1.48E-01	1.18E-01	1.07E-01	3.03E-01	3.93E-01	3.44E-01	3.28E-01	9.75E-01	1.10E-03	8.80E-04	7.90E-04	1.09E-02	2.92E-03	2.56E-03	2.44E-03	3.51E-02
-2146.26	177.17	9.75E-01	7.78E-01	7.03E-01	6.60E-01	2.59E+00	2.26E+00	2.16E+00	2.12E+00	1.67E-01	1.33E-01	1.20E-01	3.82E-01	4.41E-01	3.87E-01	3.69E-01	1.23E+00	1.31E-03	1.04E-03	9.40E-04	1.19E-02	3.46E-03	3.03E-03	2.90E-03	3.81E-02
-1919.02	445.07	8.54E-01	6.81E-01	6.15E-01	6.42E-01	2.26E+00	1.98E+00	1.89E+00	2.06E+00	1.64E-01	1.31E-01	1.18E-01	2.97E-01	4.35E-01	3.81E-01	3.64E-01	9.56E-01	1.14E-03	9.10E-04	8.20E-04	9.66E-03	3.02E-03	2.64E-03	2.52E-03	3.11E-02
-1651.12	607.72	1.09E+00	8.66E-01	7.83E-01	7.36E-01	2.88E+00	2.52E+00	2.41E+00	2.36E+00	1.36E-01	1.08E-01	9.79E-02	2.86E-01	3.60E-01	3.15E-01	3.01E-01	9.19E-01	1.08E-03	8.60E-04	7.80E-04	8.17E-03	2.87E-03	2.51E-03	2.40E-03	2.62E-02
-3361.39	677.09	5.00E-01	3.99E-01	3.60E-01	3.38E-01	1.32E+00	1.16E+00	1.11E+00	1.09E+00	8.96E-02	7.15E-02	6.46E-02	1.75E-01	2.38E-01	2.08E-01	1.99E-01	5.63E-01	5.60E-04	4.50E-04	4.10E-04	4.64E-03	1.50E-03	1.31E-03	1.25E-03	1.49E-02
-3026.51	724.93	5.10E-01	4.06E-01	3.67E-01	3.47E-01	1.35E+00	1.18E+00	1.13E+00	1.11E+00	1.02E-01	8.15E-02	7.37E-02	1.82E-01	2.71E-01	2.37E-01	2.27E-01	5.84E-01	6.00E-04	4.80E-04	4.30E-04	4.95E-03	1.58E-03	1.38E-03	1.32E-03	1.59E-02
-1679.82	1478.41	6.16E-01	4.91E-01	4.43E-01	4.17E-01	1.63E+00	1.43E+00	1.36E+00	1.34E+00	8.74E-02	6.97E-02	6.29E-02	1.14E-01	2.32E-01	2.03E-01	1.94E-01	3.65E-01	6.30E-04	5.00E-04	4.50E-04	3.80E-03	1.67E-03	1.46E-03	1.40E-03	1.22E-02
-922.86	446.42	1.45E+00	1.15E+00	1.04E+00	9.80E-01	3.84E+00	3.36E+00	3.21E+00	3.15E+00	1.93E-01	1.54E-01	1.39E-01	4.49E-01	5.12E-01	4.48E-01	4.28E-01	1.44E+00	2.87E-03	2.29E-03	2.07E-03	2.30E-02	7.61E-03	6.67E-03	6.37E-03	7.39E-02
-1799.42	1088.51	7.19E-01	5.73E-01	5.18E-01	4.87E-01	1.91E+00	1.67E+00	1.59E+00	1.56E+00	9.01E-02	7.19E-02	6.49E-02	1.53E-01	2.39E-01	2.09E-01	2.00E-01	4.91E-01	7.00E-04	5.60E-04	5.00E-04	4.34E-03	1.85E-03	1.62E-03	1.55E-03	1.40E-02
-359.36	1846.44	4.40E-01	3.51E-01	3.17E-01	3.84E-01	1.17E+00	1.02E+00	9.75E-01	1.23E+00	8.05E-02	6.42E-02	5.80E-02	2.13E-01	2.13E-01	1.87E-01	1.79E-01	6.84E-01	9.20E-04	7.30E-04	6.60E-04	1.02E-02	2.43E-03	2.13E-03	2.03E-03	3.28E-02
671.30	-742.78	1.31E+00	1.04E+00	9.41E-01	1.19E+00	3.46E+00	3.03E+00	2.90E+00	3.81E+00	1.96E-01	1.56E-01	1.41E-01	6.34E-01	5.18E-01	4.54E-01	4.34E-01	2.04E+00	1.60E-02	1.28E-02	1.16E-02	1.38E-01	4.25E-02	3.72E-02	3.55E-02	4.42E-01
-1565.55	-932.22	1.05E+00	8.41E-01	7.60E-01	7.70E-01	2.80E+00	2.45E+00	2.34E+00	2.47E+00	1.82E-01	1.45E-01	1.31E-01	3.42E-01	4.83E-01	4.23E-01	4.04E-01	1.10E+00	2.68E-03	2.13E-03	1.93E-03	1.99E-02	7.09E-03	6.21E-03	5.93E-03	6.39E-02
-1733.02	-528.24	1.35E+00	1.07E+00	9.69E-01	9.11E-01	3.56E+00	3.12E+00	2.98E+00	2.93E+00	2.37E-01	1.89E-01	1.70E-01	4.04E-01	6.27E-01	5.49E-01	5.25E-01	1.30E+00	2.31E-03	1.84E-03	1.66E-03	1.80E-02	6.11E-03	5.35E-03	5.11E-03	5.78E-02
-1261.46	-507.67	2.26E+00	1.80E+00	1.63E+00	1.71E+00	5.99E+00	5.24E+00	5.01E+00	5.48E+00	4.66E-01	3.72E-01	3.36E-01	8.91E-01	1.24E+00	1.08E+00	1.03E+00	2.86E+00	6.11E-03	4.87E-03	4.40E-03	4.55E-02	1.62E-02	1.42E-02	1.35E-02	1.46E-01
-883.92	-503.26	3.04E+00	2.43E+00	2.19E+00	2.21E+00	8.06E+00	7.06E+00	6.74E+00	7.10E+00	7.69E-01	6.13E-01	5.54E-01	1.51E+00	2.04E+00	1.79E+00	1.71E+00	4.86E+00	4.00E-02	3.19E-02	2.88E-02	3.32E-01	1.06E-01	9.29E-02	8.87E-02	1.07E+00
1599.35	-1104.97	4.97E-01	3.96E-01	3.58E-01	5.47E-01	1.32E+00	1.15E+00	1.10E+00	1.76E+00	6.21E-02	4.95E-02	4.47E-02	2.70E-01	1.65E-01	1.44E-01	1.38E-01	8.69E-01	3.28E-03	2.62E-03	2.36E-03	3.19E-02	8.69E-03	7.62E-03	7.27E-03	1.02E-01
1608.16	-1382.63	5.13E-01	4.09E-01	3.70E-01	4.72E-01	1.36E+00	1.19E+00	1.14E+00	1.52E+00	6.42E-02	5.12E-02	4.62E-02	2.35E-01	1.70E-01	1.49E-01	1.42E-01	7.56E-01	3.05E-03	2.43E-03	2.20E-03	2.90E-02	8.08E-03	7.08E-03	6.76E-03	9.33E-02
3517.15	-1425.27	1.64E-01	1.31E-01	1.18E-01	2.35E-01	4.35E-01	3.81E-01	3.64E-01	7.54E-01	2.05E-02	1.64E-02	1.48E-02	1.21E-01	5.44E-02	4.77E-02	4.55E-02	3.90E-01	8.80E-04	7.00E-04	6.40E-04	8.20E-03	2.34E-03	2.05E-03	1.96E-03	2.64E-02
2959.77	-846.37	4.91E-01	3.91E-01	3.53E-01	3.32E-01	1.30E+00	1.14E+00	1.09E+00	1.07E+00	6.13E-02	4.89E-02	4.42E-02	1.02E-01	1.63E-01	1.42E-01	1.36E-01	3.27E-01	8.90E-04	7.10E-04	6.40E-04	7.14E-03	2.36E-03	2.07E-03	1.98E-03	2.29E-02
3479.67	224.81	3.35E-01	2.67E-01	2.41E-01	2.27E-01	8.88E-01	7.78E-01	7.43E-01	7.29E-01	4.19E-02	3.34E-02	3.02E-02	5.31E-02	1.11E-01	9.72E-02	9.28E-02	1.71E-01	5.10E-04	4.10E-04	3.70E-04	2.56E-03	1.36E-03	1.19E-03	1.13E-03	8.23E-03
44.43	1469.76	5.46E-01	4.36E-01	3.93E-01	4.69E-01	1.45E+00	1.27E+00	1.21E+00	1.51E+00	1.10E-01	8.78E-02	7.94E-02	2.26E-01	2.92E-01	2.56E-01	2.44E-01	7.25E-01	1.52E-03	1.21E-03	1.09E-03	1.54E-02	4.02E-03	3.52E-03	3.36E-03	4.96E-02
3044.83	-34.00	3.21E-01	2.56E-01	2.31E-01	2.83E-01	8.51E-01	7.46E-01	7.12E-01	9.10E-01	4.02E-02	3.20E-02	2.89E-02	7.75E-02	1.06E-01	9.32E-02	8.90E-02	2.49E-01	6.30E-04	5.00E-04	4.60E-04	3.40E-03	1.68E-03	1.47E-03	1.40E-03	1.09E-02
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-03	5.07E-03	4.58E-03	5.71E-02	1.69E-02	1.48E-02

Phase: 1A
Source Group: Fugitive

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	4.13E+00	4.13E+00	4.13E+00	4.13E+00	9.04E-01	9.04E-01	9.04E-01	9.04E-01	5.16E-01	5.16E-01	5.16E-01	1.57E+00	1.13E-01	1.13E-01	1.13E-01	3.45E-01	3.95E-03	3.95E-03	3.95E-03	5.68E-02	8.70E-04	8.70E-04	8.70E-04	1.24E-02
-1778.03	-291.29	3.70E+00	3.70E+00	3.70E+00	3.76E+00	8.12E-01	8.12E-01	8.12E-01	8.25E-01	5.73E-01	5.73E-01	5.73E-01	1.60E+00	1.26E-01	1.26E-01	1.26E-01	3.50E-01	3.44E-03	3.44E-03	3.44E-03	5.53E-02	7.50E-04	7.50E-04	7.50E-04	1.21E-02
-1732.28	175.05	3.12E+00	3.12E+00	3.12E+00	3.12E+00	6.83E-01	6.83E-01	6.83E-01	6.83E-01	5.83E-01	5.83E-01	5.83E-01	1.68E+00	1.28E-01	1.28E-01	1.28E-01	3.69E-01	3.58E-03	3.58E-03	3.58E-03	4.56E-02	7.80E-04	7.80E-04	7.80E-04	9.98E-03
-1579.43	347.93	2.57E+00	2.57E+00	2.57E+00	2.75E+00	5.64E-01	5.64E-01	5.64E-01	6.03E-01	4.22E-01	4.22E-01	4.22E-01	1.03E+00	9.25E-02	9.25E-02	9.25E-02	2.27E-01	2.86E-03	2.86E-03	2.86E-03	3.48E-02	6.30E-04	6.30E-04	6.30E-04	7.63E-03
-1525.43	516.64	2.75E+00	2.75E+00	2.75E+00	2.75E+00	6.03E-01	6.03E-01	6.03E-01	6.03E-01	3.44E-01	3.44E-01	3.44E-01	9.99E-01	7.54E-02	7.54E-02	7.54E-02	2.19E-01	2.26E-03	2.26E-03	2.26E-03	2.51E-02	5.00E-04	5.00E-04	5.00E-04	5.49E-03
-1332.88	500.04	2.89E+00	2.89E+00	2.89E+00	2.89E+00	6.33E-01	6.33E-01	6.33E-01	6.33E-01	3.61E-01	3.61E-01	3.61E-01	1.10E+00	7.92E-02	7.92E-02	7.92E-02	2.40E-01	2.78E-03	2.78E-03	2.78E-03	2.93E-02	6.10E-04	6.10E-04	6.10E-04	6.42E-03
-1140.45	476.30	2.86E+00	2.86E+00	2.86E+00	2.86E+00	6.27E-01	6.27E-01	6.27E-01	6.27E-01	3.69E-01	3.69E-01	3.69E-01	1.06E+00	8.07E-02	8.07E-02	8.07E-02	2.32E-01	3.45E-03	3.45E-03	3.45E-03	3.84E-02	7.60E-04	7.60E-04	7.60E-04	8.42E-03
-672.12	353.55	3.17E+00	3.17E+00	3.17E+00	3.35E+00	6.95E-01	6.95E-01	6.95E-01	7.33E-01	4.42E-01	4.42E-01	4.42E-01	1.73E+00	9.69E-02	9.69E-02	9.69E-02	3.80E-01	1.02E-02	1.02E-02	1.02E-02	1.17E-01	2.23E-03	2.23E-03	2.23E-03	2.55E-02
-169.37	170.38	3.06E+00	3.06E+00	3.06E+00	3.97E+00	6.69E-01	6.69E-01	6.69E-01	8.69E-01	7.50E-01	7.50E-01	7.50E-01	2.71E+00	1.64E-01	1.64E-01	1.64E-01	5.94E-01	3.26E-02	3.26E-02	3.26E-02	3.11E-01	7.14E-03	7.14E-03	7.14E-03	6.81E-02
-75.04	299.11	2.60E+00	2.60E+00	2.60E+00	3.25E+00	5.69E-01	5.69E-01	5.69E-01	7.12E-01	5.98E-01	5.98E-01	5.98E-01	2.06E+00	1.31E-01	1.31E-01	1.31E-01	4.51E-01	2.02E-02	2.02E-02	2.02E-02	2.20E-01	4.42E-03	4.42E-03	4.42E-03	4.82E-02
49.15	527.20	2.03E+00	2.03E+00	2.03E+00	2.50E+00	4.46E-01	4.46E-01	4.46E-01	5.47E-01	4.20E-01	4.20E-01	4.20E-01	1.52E+00	9.20E-02	9.20E-02	9.20E-02	3.33E-01	1.09E-02	1.09E-02	1.09E-02	1.36E-01	2.38E-03	2.38E-03	2.38E-03	2.98E-02
144.22	648.15	1.84E+00	1.84E+00	1.84E+00	2.27E+00	4.02E-01	4.02E-01	4.02E-01	4.97E-01	3.15E-01	3.15E-01	3.15E-01	1.33E+00	6.91E-02	6.91E-02	6.91E-02	2.91E-01	8.27E-03	8.27E-03	8.27E-03	1.08E-01	1.81E-03	1.81E-03	1.81E-03	2.37E-02
394.15	623.31	1.60E+00	1.60E+00	1.60E+00	2.28E+00	3.51E-01	3.51E-01	3.51E-01	4.99E-01	2.18E-01	2.18E-01	2.18E-01	1.32E+00	4.77E-02	4.77E-02	4.77E-02	2.89E-01	7.37E-03	7.37E-03	7.37E-03	9.18E-02	1.61E-03	1.61E-03	1.61E-03	2.01E-02
501.62	717.12	1.32E+00	1.32E+00	1.32E+00	2.11E+00	2.89E-01	2.89E-01	2.89E-01	4.63E-01	1.79E-01	1.79E-01	1.79E-01	1.19E+00	3.93E-02	3.93E-02	3.93E-02	2.61E-01	5.90E-03	5.90E-03	5.90E-03	7.54E-02	1.29E-03	1.29E-03	1.29E-03	1.65E-02
618.47	665.12	1.43E+00	1.43E+00	1.43E+00	2.20E+00	3.14E-01	3.14E-01	3.14E-01	4.82E-01	1.93E-01	1.93E-01	1.93E-01	1.24E+00	4.22E-02	4.22E-02	4.22E-02	2.72E-01	5.58E-03	5.58E-03	5.58E-03	6.98E-02	1.22E-03	1.22E-03	1.22E-03	1.53E-02
755.45	579.13	1.59E+00	1.59E+00	1.59E+00	2.44E+00	3.49E-01	3.49E-01	3.49E-01	5.34E-01	2.08E-01	2.08E-01	2.08E-01	1.12E+00	4.56E-02	4.56E-02	4.56E-02	2.45E-01	5.16E-03	5.16E-03	5.16E-03	6.26E-02	1.13E-03	1.13E-03	1.13E-03	1.37E-02
867.79	485.41	1.54E+00	1.54E+00	1.54E+00	2.40E+00	3.38E-01	3.38E-01	3.38E-01	5.25E-01	1.95E-01	1.95E-01	1.95E-01	9.18E-01	4.28E-02	4.28E-02	4.28E-02	2.01E-01	4.66E-03	4.66E-03	4.66E-03	5.50E-02	1.02E-03	1.02E-03	1.02E-03	1.21E-02
955.03	377.60	1.21E+00	1.21E+00	1.21E+00	2.66E+00	2.65E-01	2.65E-01	2.65E-01	5.82E-01	1.53E-01	1.53E-01	1.53E-01	9.50E-01	3.35E-02	3.35E-02	3.35E-02	2.08E-01	4.11E-03	4.11E-03	4.11E-03	4.83E-02	9.00E-04	9.00E-04	9.00E-04	1.06E-02
1331.68	-165.58	1.95E+00	1.95E+00	1.95E+00	2.88E+00	4.28E-01	4.28E-01	4.28E-01	6.32E-01	2.44E-01	2.44E-01	2.44E-01	7.59E-01	5.35E-02	5.35E-02	5.35E-02	1.66E-01	3.63E-03	3.63E-03	3.63E-03	3.34E-02	8.00E-04	8.00E-04	8.00E-04	7.31E-03
1406.74	-290.13	2.21E+00	2.21E+00	2.21E+00	2.71E+00	4.85E-01	4.85E-01	4.85E-01	5.94E-01	2.77E-01	2.77E-01	2.77E-01	8.09E-01	6.06E-02	6.06E-02	6.06E-02	1.77E-01	3.61E-03	3.61E-03	3.61E-03	3.45E-02	7.90E-04	7.90E-04	7.90E-04	7.55E-03
1456.20	-436.06	3.07E+00	3.07E+00	3.07E+00	3.07E+00	6.72E-01	6.72E-01	6.72E-01	6.72E-01	3.83E-01	3.83E-01	3.83E-01	6.81E-01	8.40E-02	8.40E-02	8.40E-02	1.49E-01	3.92E-03	3.92E-03	3.92E-03	4.07E-02	8.60E-04	8.60E-04	8.60E-04	8.91E-03
1209.21	-528.32	3.73E+00	3.73E+00	3.73E+00	3.73E+00	8.17E-01	8.17E-01	8.17E-01	8.17E-01	4.66E-01	4.66E-01	4.66E-01	1.02E+00	1.02E-01	1.02E-01	1.02E-01	2.22E-01	6.35E-03	6.35E-03	6.35E-03	7.65E-02	1.39E-03	1.39E-03	1.39E-03	1.68E-02
913.01	-694.67	2.42E+00	2.42E+00	2.42E+00	4.43E+00	5.30E-01	5.30E-01	5.30E-01	9.70E-01	3.02E-01	3.02E-01	3.02E-01	2.23E+00	6.62E-02	6.62E-02	6.62E-02	4.88E-01	2.45E-02	2.45E-02	2.45E-02	2.68E-01	5.37E-03	5.37E-03	5.37E-03	5.87E-02
717.24	-664.22	3.18E+00	3.18E+00	3.18E+00	4.45E+00	6.96E-01	6.96E-01	6.96E-01	9.75E-01	4.77E-01	4.77E-01	4.77E-01	2.37E+00	1.05E-01	1.05E-01	1.05E-01	5.20E-01	4.51E-02	4.51E-02	4.51E-02	5.06E-01	9.87E-03	9.87E-03	9.87E-03	1.11E-01
544.23	-594.35	3.82E+00	3.82E+00	3.82E+00	5.32E+00	8.38E-01	8.38E-01	8.38E-01	1.16E+00	6.20E-01	6.20E-01	6.20E-01	2.94E+00	1.36E-01	1.36E-01	1.36E-01	6.44E-01	6.43E-02	6.43E-02	6.43E-02	7.03E-01	1.41E-02	1.41E-02	1.41E-02	1.54E-01
338.12	-539.73	5.18E+00	5.18E+00	5.18E+00	6.82E+00	1.13E+00	1.13E+00	1.13E+00	1.50E+00	8.87E-01	8.87E-01	8.87E-01	3.80E+00	1.94E-01	1.94E-01	1.94E-01	8.33E-01	9.35E-02	9.35E-02	9.35E-02	9.67E-01	2.05E-02	2.05E-02	2.05E-02	2.12E-01
123.44	-529.45	6.42E+00	6.42E+00	6.42E+00	6.95E+00	1.41E+00	1.41E+00	1.41E+00	1.52E+00	1.78E+00	1.78E+00	1.78E+00	5.23E+00	3.89E-01	3.89E-01	3.89E-01	1.15E+00	1.41E-01	1.41E-01	1.41E-01	1.61E+00	3.10E-02	3.10E-02	3.10E-02	3.53E-01
-353.26	-515.05	6.05E+00	6.05E+00	6.05E+00	6.19E+00	1.33E+00	1.33E+00	1.33E+00	1.36E+00	1.70E+00	1.70E+00	1.70E+00	5.36E+00	3.73E-01	3.73E-01	3.73E-01	1.17E+00	1.36E-01	1.36E-01	1.36E-01	1.64E+00	2.97E-02	2.97E-02	2.97E-02	3.59E-01
-537.68	-487.80	6.33E+00	6.33E+00	6.33E+00	6.75E+00	1.39E+00	1.39E+00	1.39E+00	1.48E+00	1.72E+00	1.72E+00	1.72E+00	5.20E+00	3.77E-01	3.77E-01	3.77E-01	1.14E+00	1.40E-01	1.40E-01	1.40E-01	1.61E+00	3.06E-02	3.06E-02	3.06E-02	3.53E-01
-775.51	-486.07	6.43E+00	6.43E+00	6.43E+00	6.90E+00	1.41E+00	1.41E+00	1.41E+00	1.51E+00	1.64E+00	1.64E+00	1.64E+00	5.02E+00	3.58E-01	3.58E-01	3.58E-01	1.10E+00	1.13E-01	1.13E-01	1.13E-01	1.32E+00	2.48E-02	2.48E-02	2.48E-02	2.88E-01
-1414.44	-481.50	5.01E+00	5.01E+00	5.01E+00	5.10E+00	1.10E+00	1.10E+00	1.10E+00	1.12E+00	8.16E-01	8.16E-01	8.16E-01	2.10E+00	1.79E-01	1.79E-01	1.79E-01	4.61E-01	7.63E-03	7.63E-03	7.63E-03	8.33E-02	1.67E-03	1.67E-03	1.67E-03	1.83E-02
-1515.21	-320.18	5.02E+00	5.02E+00	5.02E+00	5.02E+00	1.10E+00	1.10E+00	1.10E+00	1.10E+00	7.14E-01	7.14E-01	7.14E-01	2.17E+00	1.56E-01	1.56E-01	1.56E-01	4.76E-01	5.43E-03	5.43E-03	5.43E-03	8.17E-02	1.19E-03	1.19E-03	1.19E-03	1.79E-02
-1749.69	-63.90	2.85E+00	2.85E+00	2.85E+00	3.51E+00	6.25E-01	6.25E-01	6.25E-01	7.70E-01	5.06E-01	5.06E-01	5.06E-01	1.90E+00	1.11E-01	1.11E-01	1.11E-01	4.16E-01	3.98E-03	3.98E-03	3.98E-03	5.84E-02	8.70E-04	8.70E-04	8.70E-04	1.28E-02
-920.57	426.17	3.10E+00	3.10E+00	3.10E+00	3.10E+00	6.80E-01	6.80E-01	6.80E-01	6.80E-01	4.11E-01	4.11E-01	4.11E-01	1.31E+00	9.00E-02	9.00E-02	9.00E-02	2.87E-01	5.43E-03	5.43E-03	5.43E-03	6.24E-02	1.19E-03	1.19E-03	1.19E-03	1.37E-02
-420.73	233.87	3.59E+00	3.59E+00	3.59E+00	3.74E+00	7.86E-01	7.86E-01	7.86E-01	8.19E-01	6.89E-01	6.89E-01	6.89E-01	2.22E+00	1.51E-01	1.51E-01	1.51E-01	4.86E-01	2.31E-02	2.31E-02	2.31E-02	2.34E-01	5.05E-03	5.05E-03	5.05E-03	5.13E-02
1090.12	214.10	1.83E+00	1.83E+00	1.83E+00	2.71E+00	4.01E-01	4.01E-01	4.01E-01	5.93E-01	2.29E-01	2.29E-01	2.29E-01	9.50E-01	5.01E-02	5.01E-02	5.01E-02	2.08E-01	3.49E-03	3.49E-03	3.49E-03	3.94E-02	7.60E-04	7.60E-04	7.60E-04	8.63E-03
1183.39	65.17	2.99E+00	2.99E+00	2.99E+00	2.99E+00	6.54E-01	6.54E-01	6.54E-01	6.54E-01	3.73E-01	3.73E-01	3.73E-01	7.72E-01	8.18E-02	8.18E-02	8.18E-02	1.69E-01	3.66E-03	3.66E-03	3.66E-03	3.58E-02	8.00E-04	8.00E-04	8.00E-04	7.85E-03
1055.30	-577.42	3.88E+00	3.88E+00	3.88E+00	3.92E+00	8.50E-01	8.50E-01	8.50E-01	8.58E-01	4.85E-01	4.85E-01	4.85E-01	1.62E+00	1.06E-01	1.06E-01	1.06E-01	3.55E-01	9.99E-03	9.99E-03	9.99E-03	1.24E-01	2.19E-03	2.19E-03	2.19E-03	2.72E-02
-103.02	-518.78	6.45E+00	6.45E+00	6.45E+00	6.78E+00	1.41E+00	1.41E+00	1.41E+00	1.49E+00	1.86E+00	1.86E+00	1.86E+00	5.93E+00	4.07E-01	4.07E-01	4.07E-01	1.30E+00	1.56E-01	1.56E-01	1.56E-01	1.83E+00	3.43E-02	3.43E-02	3.43E-02	4.01E-01
-1076.39	-488.67	6.21E+00	6.21E+00	6.21E+00	6.84E+00	1.36E+00	1.36E+00	1.36E+00	1.50E+00	1.31E+00	1.31E+00	1.31E+00	3.88E+00	2.88E-01	2.88E-01	2.88E-01	8.51E-01	3.11E-02	3.11E-02	3.11E-02	3.70E-01	6.81E-03	6.81E-03	6.81E-03	8.10E-02
-4113.79	-1330.97	8.11E-01	8.11E-01	8.11E-01	9.36E-01	1.78E-01	1.78E-01	1.78E-01	2.05E-01	1.01E-01	1.01E-01	1.01E-01	2.66E-01	2.22E-02	2.22E-02	2.22E-02	5.83E-02	9.50E-04	9.50E-04	9.50E-04	7.70E-03	2.10E-04	2.10E-04	2.10E-04	1.69E-03
-5050.04	-958.41	5.47E-01	5.47E-01	5.47E-01	7.35E-01	1.20E-01	1.20E-01	1.20E-01	1.61E-01	6.84E-02	6.84E-02	6.84E-02	2.13E-01	1.50E-02	1.50E-02	1.50E-02	4.66E-02	5.20E-04	5.20E-04	5.20E-04	6.11E-03	1.10E-04	1.10E-04	1.10E-04	1.34E-03
-4023.97	-112.26	8.13E-01	8.13E-01	8.13E-01	1.14E+00	1.78E-01	1.78E-01	1.78E-01	2.49E-01	1.84E-01	1.84E-01	1.84E-01	3.70E-01	4.03E-02	4.03E-02	4.03E-02	8.10E-02	6.70E-04	6.70E-04	6.70E-04	1.09E-02	1.50E-04	1.50E-04	1.50E-04	2.39E-03
-2122.34	995.23	1.80E+00	1.80E+00	1.80E+00	1.80E+00	3.93E-01	3.93E-01	3.93E-01	3.93E-01	2.24E-01	2.24E-01	2.24E-01	5.81E-01	4.92E-02	4.92E-02	4.92E-02	1.27E-01	1.00E-03	1.00E-03	1.00E-03	1.06E-02	2.20E-04	2.20E-04	2.20E-04	2.32E-03
-2734.69	227.40	1.59E+00	1.59E+00	1.59E+00	1.83E+00	3.48E-01	3.48E-01	3.48E-01	4.02E-01	2.25E-01	2.25E-01	2.25E-01	9.13E-01	4.92E-02	4.92E-02	4.92E-02	2.00E-01	1.79E-03	1.79E-03	1.79E-03	2.29E-02	3.90E-04	3.90E-04	3.90E-04	5.01E-03
-2371.11	-69.21	1.75E+00	1.75E+00	1.75E+00	2.39E+00	3.83E-01	3.83E-01	3.83E-01	5.23E-01	3.90E-01	3.90E-01	3.90E-01	1.05E+00	8.54E-02	8.54E-02	8.54E-02	2.31E-01	1.92E-03	1.92E-03	1.92E-03	3.10E-02	4.20E-04	4.20E-04	4.20E-04	6.79E-03
-2146.26	177.17	2.44E+00	2.44E+00	2.44E+00	2.47E+00	5.35E-01	5.35E-01	5.35E-01	5.41E-01	3.85E-01	3.85E-01	3.85E-01	1.36E+00	8.44E-02	8.44E-02	8.44E-02	2.98E-01	2.71E-03	2.71E-03	2.71E-03	3.46E-02	5.90E-04	5.90E-04	5.90E-04	7.58E-03
-1919.02	445.07	1.73E+00	1.73E+00	1.73E+00	2.35E+00	3.80E-01	3.80E-01	3.80E-01	5.14E-01	3.77E-01	3.77E-01	3.77E-01	8.25E-01	8.25E-02	8.25E-02	8.25E-02	1.81E-01	2.04E-03	2.04E-03	2.04E-03	2.61E-02	4.50E-04	4.50E-04	4.50E-04	5.73E-03
-1651.12	607.72	2.52E+00	2.52E+00	2.52E+00	2.52E+00	5.51E-01	5.51E-01	5.51E-01	5.51E-01	3.15E-01	3.15E-01	3.15E-01	8.84E-01	6.89E-02	6.89E-02	6.89E-02	1.94E-01	1.83E-03	1.83E-03	1.83E-03	2.03E-02	4.00E-04	4.00E-04	4.00E-04	4.46E-03
-3361.39	677.09	1.40E+00	1.40E+00	1.40E+00	1.40E+00	3.06E-01	3.06E-01	3.06E-01	3.06E-01	2.40E-01	2.40E-01	2.40E-01	5.65E-01	5.26E-02	5.26E-02	5.26E-02	1.24E-01	1.21E-03	1.21E-03	1.21E-03	1.36E-02	2.70E-04	2.70E-04	2.70E-04	2.98E-03
-3026.51	724.93	1.25E+00	1.25E+00	1.25E+00	1.43E+00	2.74E-01	2.74E-01	2.74E-01	3.14E-01	2.74E-01	2.74E-01	2.74E-01	5.70E-01	6.00E-02	6.00E-02	6.00E-02	1.25E-01	1.17E-03	1.17E-03	1.17E-03	1.41E-02	2.60E-04	2.60E-04	2.60E-04	3.09E-03
-1679.82	1478.41	1.34E+00	1.34E+00	1.34E+00	1.34E+00	2.94E-01	2.94E-01	2.94E-01	2.94E-01	1.89E-01	1.89E-01	1.89E-01	3.54E-01	4.14E-02	4.14E-02	4.14E-02	7.75E-02	1.23E-03	1.23E-03	1.23E-03	9.86E-03	2.70E-04	2.70E-04	2.70E-04	2.16E-03
-922.86	446.42	3.04E+00	3.04E+00	3.04E+00	3.04E+00	6.65E-01	6.65E-01	6.65E-01	6.65E-01	3.96E-01	3.96E-01	3.96E-01	1.28E+00	8.69E-02	8.69E-02	8.69E-02	2.80E-01	5.22E-03	5.22E-03	5.22E-03	6.01E-02	1.14E-03	1.14E-03	1.14E-03	1.32E-02
-1799.42	1088.51	1.71E+00	1.71E+00	1.71E+00	1.71E+00	3.74E-01	3.74E-01	3.74E-01	3.74E-01	2.13E-01	2.13E-01	2.13E-01	4.63E-01	4.68E-02	4.68E-02	4.68E-02	1.01E-01	1.33E-03	1.33E-03	1.33E-03	1.09E-02	2.90E-04	2.90E-04	2.90E-04	2.39E-03
-359.36	1846.44	9.09E-01	9.09E-01	9.09E-01	1.17E+00	1.99E-01	1.99E-01	1.99E-01	2.55E-01	1.56E-01	1.56E-01	1.56E-01	6.46E-01	3.43E-02	3.43E-02	3.43E-02	1.42E-01	1.72E-03	1.72E-03	1.72E-03	2.85E-02	3.80E-04	3.80E-04	3.80E-04	6.24E-03
671.30	-742.78	2.96E+00	2.96E+00	2.96E+00	3.88E+00	6.49E-01	6.49E-01	6.49E-01	8.49E-01	4.32E-01	4.32E-01	4.32E-01	2.07E+00	9.47E-02	9.47E-02	9.47E-02	4.54E-01	3.08E-02	3.08E-02	3.08E-02	3.95E-01	6.74E-03	6.74E-03	6.74E-03	8.66E-02
-1565.55	-932.22	2.42E+00	2.42E+00	2.42E+00	2.73E+00	5.31E-01	5.31E-01	5.31E-01	5.97E-01	4.04E-01	4.04E-01	4.04E-01	1.01E+00	8.85E-02	8.85E-02	8.85E-02	2.21E-01	4.95E-03	4.95E-03	4.95E-03	5.01E-02	1.09E-03	1.09E-03	1.09E-03	1.10E-02
-1733.02	-528.24	3.56E+00	3.56E+00	3.56E+00	3.56E+00	7.81E-01	7.81E-01	7.81E-01	7.81E-01	4.76E-01	4.76E-01	4.76E-01	1.42E+00	1.04E-01	1.04E-01	1.04E-01	3.12E-01	4.37E-03	4.37E-03	4.37E-03	4.88E-02	9.60E-04	9.60E-04	9.60E-04	1.07E-02
-1261.46	-507.67	5.31E+00	5.31E+00	5.31E+00	5.91E+00	1.16E+00	1.16E+00	1.16E+00	1.29E+00	9.83E-01	9.83E-01	9.83E-01	2.61E+00	2.15E-01	2.15E-01	2.15E-01	5.72E-01	1.15E-02	1.15E-02	1.15E-02	1.16E-01	2.53E-03	2.53E-03	2.53E-03	2.54E-02
-883.92	-503.26	5.93E+00	5.93E+00	5.93E+00	6.51E+00	1.30E+00	1.30E+00	1.30E+00	1.43E+00	1.50E+00	1.50E+00	1.50E+00	4.25E+00	3.30E-01	3.30E-01	3.30E-01	9.31E-01	7.50E-02	7.50E-02	7.50E-02	9.25E-01	1.64E-02	1.64E-02	1.64E-02	2.03E-01
1599.35	-1104.97	1.15E+00	1.15E+00	1.15E+00	2.13E+00	2.52E-01	2.52E-01	2.52E-01	4.66E-01	1.44E-01	1.44E-01	1.44E-01	9.73E-01	3.15E-02	3.15E-02	3.15E-02	2.13E-01	6.39E-03	6.39E-03	6.39E-03	9.63E-02	1.40E-03	1.40E-03	1.40E-03	2.11E-02
1608.16	-1382.63	1.35E+00	1.35E+00	1.35E+00	1.73E+00	2.96E-01	2.96E-01	2.96E-01	3.80E-01	1.69E-01	1.69E-01	1.69E-01	8.31E-01	3.70E-02	3.70E-02	3.70E-02	1.82E-01	5.88E-03	5.88E-03	5.88E-03	8.34E-02	1.29E-03	1.29E-03	1.29E-03	1.83E-02
3517.15	-1425.27	3.48E-01	3.48E-01	3.48E-01	1.03E+00	7.63E-02	7.63E-02	7.63E-02	2.25E-01	4.53E-02	4.53E-02	4.53E-02	5.03E-01	9.93E-03	9.93E-03	9.93E-03	1.10E-01	1.55E-03	1.55E-03	1.55E-03	2.19E-02	3.40E-04	3.40E-04	3.40E-04	4.79E-03
2959.77	-846.37	1.30E+00	1.30E+00	1.30E+00	1.31E+00	2.85E-01	2.85E-01	2.85E-01	2.88E-01	1.63E-01	1.63E-01	1.63E-01	3.35E-01	3.56E-02	3.56E-02	3.56E-02	7.35E-02	1.65E-03	1.65E-03	1.65E-03	1.65E-02	3.60E-04	3.60E-04	3.60E-04	3.61E-03
3479.67	224.81	8.59E-01	8.59E-01	8.59E-01	9.66E-01	1.88E-01	1.88E-01	1.88E-01	2.12E-01	1.07E-01	1.07E-01	1.07E-01	1.86E-01	2.35E-02	2.35E-02	2.35E-02	4.08E-02	9.80E-04	9.80E-04	9.80E-04	6.75E-03	2.20E-04	2.20E-04	2.20E-04	1.48E-03
44.43	1469.76	1.10E+00	1.10E+00	1.10E+00	1.41E+00	2.40E-01	2.40E-01	2.40E-01	3.08E-01	2.20E-01	2.20E-01	2.20E-01	6.83E-01	4.81E-02	4.81E-02	4.81E-02	1.50E-01	2.90E-03	2.90E-03	2.90E-03	4.30E-02	6.30E-04	6.30E-04	6.30E-04	9.43E-03
3044.83	-34.00	5.92E-01	5.92E-01	5.92E-01	1.20E+00	1.30E-01	1.30E-01	1.30E-01	2.63E-01	7.40E-02	7.40E-02	7.40E-02	2.48E-01	1.62E-02	1.62E-02	1.62E-02	5.44E-02	1.20E-03	1.20E-03	1.20E-03	8.85E-03	2.60E-04	2.60E-04	2.60E-04	1.94E-03
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-02	1.24E-02	1.24E-02	1.67E-01	2.71E-03	2.71E-03	2

Phase: 1A
Source Group: Gasoline Exhaust

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	5.50E-04	5.50E-04	5.10E-04	4.90E-04	3.53E-03	3.53E-03	2.63E-03	2.63E-03	7.00E-05	7.00E-05	6.00E-05	1.90E-04	4.40E-04	4.40E-04	3.30E-04	1.03E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-1778.03	-291.29	5.00E-04	5.00E-04	4.60E-04	4.50E-04	3.19E-03	3.19E-03	2.38E-03	2.40E-03	8.00E-05	8.00E-05	7.00E-05	1.90E-04	5.00E-04	5.00E-04	3.70E-04	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-1732.28	175.05	4.20E-04	4.20E-04	3.90E-04	3.80E-04	2.71E-03	2.71E-03	2.02E-03	2.02E-03	8.00E-05	8.00E-05	7.00E-05	2.10E-04	5.10E-04	5.10E-04	3.80E-04	1.10E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-1579.43	347.93	3.60E-04	3.60E-04	3.30E-04	3.30E-04	2.30E-03	2.30E-03	1.71E-03	1.79E-03	6.00E-05	6.00E-05	5.00E-05	1.30E-04	3.70E-04	3.70E-04	2.80E-04	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1525.43	516.64	3.80E-04	3.80E-04	3.50E-04	3.40E-04	2.42E-03	2.42E-03	1.80E-03	1.80E-03	5.00E-05	5.00E-05	4.00E-05	1.20E-04	3.00E-04	3.00E-04	2.30E-04	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1332.88	500.04	3.90E-04	3.90E-04	3.60E-04	3.50E-04	2.52E-03	2.52E-03	1.88E-03	1.88E-03	5.00E-05	5.00E-05	5.00E-05	1.30E-04	3.20E-04	3.20E-04	2.40E-04	7.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1140.45	476.30	4.00E-04	4.00E-04	3.60E-04	3.50E-04	2.53E-03	2.53E-03	1.89E-03	1.89E-03	5.00E-05	5.00E-05	5.00E-05	1.30E-04	3.30E-04	3.30E-04	2.40E-04	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-672.12	353.55	4.40E-04	4.40E-04	4.10E-04	4.20E-04	2.85E-03	2.85E-03	2.12E-03	2.24E-03	6.00E-05	6.00E-05	6.00E-05	2.20E-04	4.00E-04	4.00E-04	3.00E-04	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	8.00E-05
-169.37	170.38	4.30E-04	4.30E-04	4.00E-04	4.90E-04	2.75E-03	2.75E-03	2.05E-03	2.64E-03	1.10E-04	1.10E-04	1.00E-04	3.40E-04	6.80E-04	6.80E-04	5.00E-04	1.81E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	3.00E-05	3.00E-05	2.00E-05	2.10E-04
-75.04	299.11	3.60E-04	3.60E-04	3.40E-04	4.00E-04	2.34E-03	2.34E-03	1.74E-03	2.17E-03	8.00E-05	8.00E-05	8.00E-05	2.50E-04	5.40E-04	5.40E-04	4.00E-04	1.37E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-05	2.00E-05	2.00E-05	1.00E-05	1.50E-04
49.15	527.20	2.90E-04	2.90E-04	2.60E-04	3.10E-04	1.83E-03	1.83E-03	1.36E-03	1.68E-03	6.00E-05	6.00E-05	5.00E-05	1.90E-04	3.80E-04	3.80E-04	2.80E-04	1.01E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-05	1.00E-05	9.00E-05
144.22	648.15	2.60E-04	2.60E-04	2.40E-04	2.80E-04	1.65E-03	1.65E-03	1.23E-03	1.52E-03	4.00E-05	4.00E-05	4.00E-05	1.60E-04	2.80E-04	2.80E-04	2.10E-04	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	7.00E-05
394.15	623.31	2.20E-04	2.20E-04	2.10E-04	2.80E-04	1.43E-03	1.43E-03	1.07E-03	1.52E-03	3.00E-05	3.00E-05	3.00E-05	1.60E-04	1.90E-04	1.90E-04	1.40E-04	8.80E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	6.00E-05
501.62	717.12	1.80E-04	1.80E-04	1.70E-04	2.60E-04	1.17E-03	1.17E-03	8.70E-04	1.40E-03	2.00E-05	2.00E-05	2.00E-05	1.50E-04	1.60E-04	1.60E-04	1.20E-04	7.90E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	5.00E-05
618.47	665.12	2.00E-04	2.00E-04	1.80E-04	2.70E-04	1.26E-03	1.26E-03	9.40E-04	1.45E-03	3.00E-05	3.00E-05	2.00E-05	1.50E-04	1.70E-04	1.70E-04	1.30E-04	8.20E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	5.00E-05
755.45	579.13	2.20E-04	2.20E-04	2.00E-04	3.00E-04	1.42E-03	1.42E-03	1.06E-03	1.61E-03	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.90E-04	1.90E-04	1.40E-04	7.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
867.79	485.41	2.10E-04	2.10E-04	2.00E-04	3.00E-04	1.38E-03	1.38E-03	1.03E-03	1.59E-03	3.00E-05	3.00E-05	3.00E-05	1.10E-04	1.70E-04	1.70E-04	1.30E-04	6.10E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
955.03	377.60	1.70E-04	1.70E-04	1.60E-04	3.20E-04	1.08E-03	1.08E-03	8.00E-04	1.73E-03	2.00E-05	2.00E-05	2.00E-05	1.20E-04	1.40E-04	1.40E-04	1.00E-04	6.20E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1331.68	-165.58	2.70E-04	2.70E-04	2.50E-04	3.40E-04	1.75E-03	1.75E-03	1.31E-03	1.84E-03	3.00E-05	3.00E-05	3.00E-05	9.00E-05	2.20E-04	2.20E-04	1.60E-04	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
1406.74	-290.13	3.00E-04	3.00E-04	2.70E-04	3.20E-04	1.90E-03	1.90E-03	1.42E-03	1.73E-03	4.00E-05	4.00E-05	3.00E-05	1.00E-04	2.40E-04	2.40E-04	1.80E-04	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
1456.20	-436.06	4.10E-04	4.10E-04	3.80E-04	3.70E-04	2.64E-03	2.64E-03	1.97E-03	1.97E-03	5.00E-05	5.00E-05	5.00E-05	8.00E-05	3.30E-04	3.30E-04	2.50E-04	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1209.21	-528.32	5.00E-04	5.00E-04	4.60E-04	4.50E-04	3.22E-03	3.22E-03	2.40E-03	2.40E-03	6.00E-05	6.00E-05	6.00E-05	1.30E-04	4.00E-04	4.00E-04	3.00E-04	6.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	5.00E-05
913.01	-694.67	3.30E-04	3.30E-04	3.10E-04	5.30E-04	2.12E-03	2.12E-03	1.58E-03	2.86E-03	4.00E-05	4.00E-05	4.00E-05	2.70E-04	2.70E-04	2.70E-04	2.00E-04	1.46E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-05	2.00E-05	2.00E-05	2.00E-05	1.80E-04
717.24	-664.22	4.40E-04	4.40E-04	4.10E-04	5.50E-04	2.81E-03	2.81E-03	2.10E-03	2.94E-03	7.00E-05	7.00E-05	6.00E-05	2.90E-04	4.20E-04	4.20E-04	3.20E-04	1.57E-03	1.00E-05	1.00E-05	1.00E-05	6.00E-05	4.00E-05	4.00E-05	3.00E-05	3.40E-04
544.23	-594.35	5.30E-04	5.30E-04	4.90E-04	6.50E-04	3.39E-03	3.39E-03	2.53E-03	3.49E-03	9.00E-05	9.00E-05	8.00E-05	3.60E-04	5.50E-04	5.50E-04	4.10E-04	1.95E-03	1.00E-05	1.00E-05	1.00E-05	9.00E-05	6.00E-05	6.00E-05	4.00E-05	4.70E-04
338.12	-539.73	7.20E-04	7.20E-04	6.60E-04	8.40E-04	4.60E-03	4.60E-03	3.43E-03	4.52E-03	1.20E-04	1.20E-04	1.20E-04	4.70E-04	8.00E-04	8.00E-04	6.00E-04	2.52E-03	1.00E-05	1.00E-05	1.00E-05	1.20E-04	8.00E-05	8.00E-05	6.00E-05	6.50E-04
123.44	-529.45	9.00E-04	9.00E-04	8.30E-04	8.60E-04	5.77E-03	5.77E-03	4.30E-03	4.64E-03	2.50E-04	2.50E-04	2.30E-04	6.50E-04	1.59E-03	1.59E-03	1.19E-03	3.50E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-04	1.30E-04	1.30E-04	9.00E-05	1.08E-03
-353.26	-515.05	8.50E-04	8.50E-04	7.80E-04	7.70E-04	5.44E-03	5.44E-03	4.06E-03	4.15E-03	2.40E-04	2.40E-04	2.20E-04	6.70E-04	1.53E-03	1.53E-03	1.14E-03	3.59E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-04	1.20E-04	1.20E-04	9.00E-05	1.10E-03
-537.68	-487.80	8.90E-04	8.90E-04	8.20E-04	8.40E-04	5.69E-03	5.69E-03	4.25E-03	4.50E-03	2.40E-04	2.40E-04	2.20E-04	6.50E-04	1.55E-03	1.55E-03	1.15E-03	3.49E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-04	1.30E-04	1.30E-04	9.00E-05	1.08E-03
-775.51	-486.07	9.00E-04	9.00E-04	8.30E-04	8.60E-04	5.77E-03	5.77E-03	4.31E-03	4.61E-03	2.30E-04	2.30E-04	2.10E-04	6.20E-04	1.47E-03	1.47E-03	1.10E-03	3.36E-03	2.00E-05	2.00E-05	1.00E-05	1.60E-04	1.00E-04	1.00E-04	8.00E-05	8.80E-04
-1414.44	-481.50	6.80E-04	6.80E-04	6.20E-04	6.10E-04	4.34E-03	4.34E-03	3.23E-03	3.27E-03	1.10E-04	1.10E-04	1.00E-04	2.50E-04	7.20E-04	7.20E-04	5.40E-04	1.37E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	6.00E-05
-1515.21	-320.18	6.80E-04	6.80E-04	6.30E-04	6.00E-04	4.34E-03	4.34E-03	3.24E-03	3.24E-03	1.00E-04	1.00E-04	9.00E-05	2.60E-04	6.20E-04	6.20E-04	4.70E-04	1.41E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-05
-1749.69	-63.90	3.90E-04	3.90E-04	3.60E-04	4.20E-04	2.47E-03	2.47E-03	1.84E-03	2.25E-03	7.00E-05	7.00E-05	6.00E-05	2.30E-04	4.40E-04	4.40E-04	3.30E-04	1.23E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-920.57	426.17	4.30E-04	4.30E-04	4.00E-04	3.80E-04	2.75E-03	2.75E-03	2.05E-03	2.05E-03	6.00E-05	6.00E-05	5.00E-05	1.60E-04	3.60E-04	3.60E-04	2.70E-04	8.80E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-420.73	233.87	5.00E-04	5.00E-04	4.60E-04	4.60E-04	3.19E-03	3.19E-03	2.38E-03	2.48E-03	1.00E-04	1.00E-04	9.00E-05	2.80E-04	6.20E-04	6.20E-04	4.60E-04	1.48E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-05	2.00E-05	2.00E-05	2.00E-05	1.60E-04
1090.12	214.10	2.60E-04	2.60E-04	2.40E-04	3.30E-04	1.64E-03	1.64E-03	1.22E-03	1.76E-03	3.00E-05	3.00E-05	3.00E-05	1.20E-04	2.00E-04	2.00E-04	1.50E-04	6.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1183.39	65.17	4.00E-04	4.00E-04	3.70E-04	3.60E-04	2.56E-03	2.56E-03	1.91E-03	1.91E-03	5.00E-05	5.00E-05	5.00E-05	9.00E-05	3.20E-04	3.20E-04	2.40E-04	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
1055.30	-577.42	5.30E-04	5.30E-04	4.90E-04	4.70E-04	3.37E-03	3.37E-03	2.51E-03	2.52E-03	7.00E-05	7.00E-05	6.00E-05	2.00E-04	4.20E-04	4.20E-04	3.10E-04	1.07E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-05	1.00E-05	8.00E-05
-103.02	-518.78	9.10E-04	9.10E-04	8.40E-04	8.40E-04	5.80E-03	5.80E-03	4.33E-03	4.53E-03	2.60E-04	2.60E-04	2.40E-04	7.40E-04	1.67E-03	1.67E-03	1.25E-03	3.98E-03	2.00E-05	2.00E-05	2.00E-05	2.30E-04	1.40E-04	1.40E-04	1.00E-04	1.23E-03
-1076.39	-488.67	8.60E-04	8.60E-04	7.90E-04	8.40E-04	5.51E-03	5.51E-03	4.11E-03	4.54E-03	1.80E-04	1.80E-04	1.70E-04	4.80E-04	1.17E-03	1.17E-03	8.70E-04	2.59E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	3.00E-05	3.00E-05	2.00E-05	2.50E-04
-4113.79	-1330.97	1.10E-04	1.10E-04	1.00E-04	1.10E-04	6.80E-04	6.80E-04	5.10E-04	5.90E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	9.00E-05	9.00E-05	6.00E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-5050.04	-958.41	7.00E-05	7.00E-05	7.00E-05	9.00E-05	4.80E-04	4.80E-04	3.60E-04	4.60E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	6.00E-05	6.00E-05	4.00E-05	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	1.10E-04	1.10E-04	1.00E-04	1.30E-04	6.80E-04	6.80E-04	5.10E-04	7.10E-04	2.00E-05	2.00E-05	2.00E-05	4.00E-05	1.60E-04	1.60E-04	1.20E-04	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-2122.34	995.23	2.40E-04	2.40E-04	2.20E-04	2.20E-04	1.56E-03	1.56E-03	1.16E-03	1.16E-03	3.00E-05	3.00E-05	3.00E-05	7.00E-05	1.90E-04	1.90E-04	1.40E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-2734.69	227.40	2.10E-04	2.10E-04	1.90E-04	2.20E-04	1.35E-03	1.35E-03	1.01E-03	1.16E-03	3.00E-05	3.00E-05	3.00E-05	1.10E-04	1.90E-04	1.90E-04	1.40E-04	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-2371.11	-69.21	2.30E-04	2.30E-04	2.10E-04	2.80E-04	1.48E-03	1.48E-03	1.11E-03	1.51E-03	5.00E-05	5.00E-05	5.00E-05	1.30E-04	3.30E-04	3.30E-04	2.50E-04	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-2146.26	177.17	3.30E-04	3.30E-04	3.00E-04	2.90E-04	2.11E-03	2.11E-03	1.58E-03	1.58E-03	5.00E-05	5.00E-05	5.00E-05	1.60E-04	3.40E-04	3.40E-04	2.50E-04	8.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1919.02	445.07	2.40E-04	2.40E-04	2.20E-04	2.80E-04	1.55E-03	1.55E-03	1.15E-03	1.52E-03	5.00E-05	5.00E-05	5.00E-05	1.00E-04	3.30E-04	3.30E-04	2.50E-04	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1651.12	607.72	3.40E-04	3.40E-04	3.20E-04	3.10E-04	2.20E-03	2.20E-03	1.64E-03	1.64E-03	4.00E-05	4.00E-05	4.00E-05	1.10E-04	2.80E-04	2.80E-04	2.10E-04	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-3361.39	677.09	1.80E-04	1.80E-04	1.70E-04	1.60E-04	1.18E-03	1.18E-03	8.80E-04	8.80E-04	3.00E-05	3.00E-05	3.00E-05	7.00E-05	2.10E-04	2.10E-04	1.50E-04	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-3026.51	724.93	1.70E-04	1.70E-04	1.60E-04	1.70E-04	1.09E-03	1.09E-03	8.10E-04	9.10E-04	4.00E-05	4.00E-05	3.00E-05	7.00E-05	2.30E-04	2.30E-04	1.70E-04	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-1679.82	1478.41	1.90E-04	1.90E-04	1.70E-04	1.70E-04	1.19E-03	1.19E-03	8.90E-04	8.90E-04	3.00E-05	3.00E-05	2.00E-05	4.00E-05	1.70E-04	1.70E-04	1.20E-04	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-922.86	446.42	4.20E-04	4.20E-04	3.90E-04	3.70E-04	2.69E-03	2.69E-03	2.01E-03	2.01E-03	5.00E-05	5.00E-05	5.00E-05	1.60E-04	3.50E-04	3.50E-04	2.60E-04	8.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-1799.42	1088.51	2.30E-04	2.30E-04	2.10E-04	2.10E-04	1.49E-03	1.49E-03	1.11E-03	1.11E-03	3.00E-05	3.00E-05	3.00E-05	6.00E-05	1.90E-04	1.90E-04	1.40E-04	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-359.36	1846.44	1.30E-04	1.30E-04	1.20E-04	1.40E-04	8.10E-04	8.10E-04	6.00E-04	7.80E-04	2.00E-05	2.00E-05	2.00E-05	8.00E-05	1.40E-04	1.40E-04	1.00E-04	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
671.30	-742.78	4.10E-04	4.10E-04	3.80E-04	4.70E-04	2.60E-03	2.60E-03	1.94E-03	2.55E-03	6.00E-05	6.00E-05	5.00E-05	2.50E-04	3.80E-04	3.80E-04	2.80E-04	1.36E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05	3.00E-05	3.00E-05	2.00E-05	2.60E-04
-1565.55	-932.22	3.30E-04	3.30E-04	3.10E-04	3.30E-04	2.13E-03	2.13E-03	1.59E-03	1.78E-03	6.00E-05	6.00E-05	5.00E-05	1.30E-04	3.60E-04	3.60E-04	2.70E-04	6.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-1733.02	-528.24	4.80E-04	4.80E-04	4.40E-04	4.20E-04	3.05E-03	3.05E-03	2.28E-03	2.28E-03	7.00E-05	7.00E-05	6.00E-05	1.70E-04	4.30E-04	4.30E-04	3.20E-04	9.20E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-1261.46	-507.67	7.20E-04	7.20E-04	6.70E-04	7.20E-04	4.64E-03	4.64E-03	3.46E-03	3.86E-03	1.40E-04	1.40E-04	1.30E-04	3.20E-04	8.70E-04	8.70E-04	6.50E-04	1.74E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	8.00E-05
-883.92	-503.26	8.30E-04	8.30E-04	7.70E-04	8.10E-04	5.31E-03	5.31E-03	3.96E-03	4.34E-03	2.10E-04	2.10E-04	1.90E-04	5.30E-04	1.35E-03	1.35E-03	1.01E-03	2.85E-03	1.00E-05	1.00E-05	1.00E-05	1.20E-04	7.00E-05	7.00E-05	5.00E-05	6.20E-04
1599.35	-1104.97	1.60E-04	1.60E-04	1.50E-04	2.50E-04	1.01E-03	1.01E-03	7.50E-04	1.36E-03	2.00E-05	2.00E-05	2.00E-05	1.20E-04	1.30E-04	1.30E-04	9.00E-05	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	6.00E-05
1608.16	-1382.63	1.80E-04	1.80E-04	1.70E-04	2.10E-04	1.16E-03	1.16E-03	8.70E-04	1.12E-03	2.00E-05	2.00E-05	2.00E-05	1.00E-04	1.50E-04	1.50E-04	1.10E-04	5.40E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	6.00E-05
3517.15	-1425.27	5.00E-05	5.00E-05	4.00E-05	1.20E-04	3.00E-04	3.00E-04	2.20E-04	6.40E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	4.00E-05	4.00E-05	3.00E-05	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
2959.77	-846.37	1.70E-04	1.70E-04	1.60E-04	1.50E-04	1.12E-03	1.12E-03	8.30E-04	8.30E-04	2.00E-05	2.00E-05	2.00E-05	4.00E-05	1.40E-04	1.40E-04	1.00E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
3479.67	224.81	1.20E-04	1.20E-04	1.10E-04	1.10E-04	7.40E-04	7.40E-04	5.50E-04	6.00E-04	1.00E-05	1.00E-05	1.00E-05	2.00E-05	9.00E-05	9.00E-05	7.00E-05	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	1.50E-04	1.50E-04	1.40E-04	1.70E-04	9.80E-04	9.80E-04	7.30E-04	9.40E-04	3.00E-05	3.00E-05	3.00E-05	8.00E-05	2.00E-04	2.00E-04	1.50E-04	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
3044.83	-34.00	9.00E-05	9.00E-05	8.00E-05	1.40E-04	5.50E-04	5.50E-04	4.10E-04	7.50E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	7.00E-05	7.00E-05	5.00E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-

Phase: 1A
Source Group: Tire Wear / Brake Wear (TB)

		Averaging Period: 1HR_1ST				Averaging Period: 8HR_1ST				Averaging Period: AN			
		PM10				PM10				PM10			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	3.28E-02	3.28E-02	3.28E-02	3.28E-02	4.10E-03	4.10E-03	4.10E-03	1.28E-02	3.00E-05	3.00E-05	3.00E-05	4.70E-04
-1778.03	-291.29	2.96E-02	2.96E-02	2.96E-02	3.00E-02	4.62E-03	4.62E-03	4.62E-03	1.29E-02	3.00E-05	3.00E-05	3.00E-05	4.60E-04
-1732.28	175.05	2.52E-02	2.52E-02	2.52E-02	2.52E-02	4.72E-03	4.72E-03	4.72E-03	1.38E-02	3.00E-05	3.00E-05	3.00E-05	3.80E-04
-1579.43	347.93	2.13E-02	2.13E-02	2.13E-02	2.23E-02	3.45E-03	3.45E-03	3.45E-03	8.63E-03	2.00E-05	2.00E-05	2.00E-05	2.90E-04
-1525.43	516.64	2.25E-02	2.25E-02	2.25E-02	2.25E-02	2.81E-03	2.81E-03	2.81E-03	8.25E-03	2.00E-05	2.00E-05	2.00E-05	2.10E-04
-1332.88	500.04	2.35E-02	2.35E-02	2.35E-02	2.35E-02	2.93E-03	2.93E-03	2.93E-03	8.99E-03	2.00E-05	2.00E-05	2.00E-05	2.50E-04
-1140.45	476.30	2.35E-02	2.35E-02	2.35E-02	2.35E-02	3.03E-03	3.03E-03	3.03E-03	8.74E-03	3.00E-05	3.00E-05	3.00E-05	3.20E-04
-672.12	353.55	2.65E-02	2.65E-02	2.65E-02	2.79E-02	3.70E-03	3.70E-03	3.70E-03	1.45E-02	9.00E-05	9.00E-05	9.00E-05	9.80E-04
-169.37	170.38	2.55E-02	2.55E-02	2.55E-02	3.29E-02	6.26E-03	6.26E-03	6.26E-03	2.25E-02	2.70E-04	2.70E-04	2.70E-04	2.59E-03
-75.04	299.11	2.17E-02	2.17E-02	2.17E-02	2.71E-02	4.98E-03	4.98E-03	4.98E-03	1.70E-02	1.70E-04	1.70E-04	1.70E-04	1.83E-03
49.15	527.20	1.70E-02	1.70E-02	1.70E-02	2.09E-02	3.48E-03	3.48E-03	3.48E-03	1.26E-02	9.00E-05	9.00E-05	9.00E-05	1.13E-03
144.22	648.15	1.53E-02	1.53E-02	1.53E-02	1.89E-02	2.63E-03	2.63E-03	2.63E-03	1.10E-02	7.00E-05	7.00E-05	7.00E-05	9.00E-04
394.15	623.31	1.33E-02	1.33E-02	1.33E-02	1.90E-02	1.80E-03	1.80E-03	1.80E-03	1.09E-02	6.00E-05	6.00E-05	6.00E-05	7.70E-04
501.62	717.12	1.09E-02	1.09E-02	1.09E-02	1.75E-02	1.47E-03	1.47E-03	1.47E-03	9.87E-03	5.00E-05	5.00E-05	5.00E-05	6.30E-04
618.47	665.12	1.17E-02	1.17E-02	1.17E-02	1.81E-02	1.58E-03	1.58E-03	1.58E-03	1.02E-02	5.00E-05	5.00E-05	5.00E-05	5.80E-04
755.45	579.13	1.32E-02	1.32E-02	1.32E-02	2.00E-02	1.72E-03	1.72E-03	1.72E-03	9.32E-03	4.00E-05	4.00E-05	4.00E-05	5.20E-04
867.79	485.41	1.28E-02	1.28E-02	1.28E-02	1.98E-02	1.62E-03	1.62E-03	1.62E-03	7.62E-03	4.00E-05	4.00E-05	4.00E-05	4.60E-04
955.03	377.60	1.00E-02	1.00E-02	1.00E-02	2.15E-02	1.26E-03	1.26E-03	1.26E-03	7.73E-03	3.00E-05	3.00E-05	3.00E-05	4.00E-04
1331.68	-165.58	1.63E-02	1.63E-02	1.63E-02	2.29E-02	2.04E-03	2.04E-03	2.04E-03	6.17E-03	3.00E-05	3.00E-05	3.00E-05	2.80E-04
1406.74	-290.13	1.77E-02	1.77E-02	1.77E-02	2.16E-02	2.21E-03	2.21E-03	2.21E-03	6.52E-03	3.00E-05	3.00E-05	3.00E-05	2.90E-04
1456.20	-436.06	2.45E-02	2.45E-02	2.45E-02	2.45E-02	3.07E-03	3.07E-03	3.07E-03	5.60E-03	3.00E-05	3.00E-05	3.00E-05	3.50E-04
1209.21	-528.32	3.00E-02	3.00E-02	3.00E-02	3.00E-02	3.74E-03	3.74E-03	3.74E-03	8.39E-03	5.00E-05	5.00E-05	5.00E-05	6.50E-04
913.01	-694.67	1.97E-02	1.97E-02	1.97E-02	3.57E-02	2.46E-03	2.46E-03	2.46E-03	1.82E-02	2.00E-04	2.00E-04	2.00E-04	2.22E-03
717.24	-664.22	2.61E-02	2.61E-02	2.61E-02	3.66E-02	3.94E-03	3.94E-03	3.94E-03	1.95E-02	3.80E-04	3.80E-04	3.80E-04	4.22E-03
544.23	-594.35	3.15E-02	3.15E-02	3.15E-02	4.35E-02	5.13E-03	5.13E-03	5.13E-03	2.42E-02	5.40E-04	5.40E-04	5.40E-04	5.85E-03
338.12	-539.73	4.27E-02	4.27E-02	4.27E-02	5.62E-02	7.41E-03	7.41E-03	7.41E-03	3.14E-02	7.80E-04	7.80E-04	7.80E-04	8.06E-03
123.44	-529.45	5.36E-02	5.36E-02	5.36E-02	5.77E-02	1.48E-02	1.48E-02	1.48E-02	4.36E-02	1.18E-03	1.18E-03	1.18E-03	1.34E-02
-353.26	-515.05	5.05E-02	5.05E-02	5.05E-02	5.17E-02	1.42E-02	1.42E-02	1.42E-02	4.47E-02	1.13E-03	1.13E-03	1.13E-03	1.37E-02
-537.68	-487.80	5.29E-02	5.29E-02	5.29E-02	5.61E-02	1.43E-02	1.43E-02	1.43E-02	4.35E-02	1.17E-03	1.17E-03	1.17E-03	1.35E-02
-775.51	-486.07	5.36E-02	5.36E-02	5.36E-02	5.74E-02	1.37E-02	1.37E-02	1.37E-02	4.18E-02	9.50E-04	9.50E-04	9.50E-04	1.10E-02
-1414.44	-481.50	4.03E-02	4.03E-02	4.03E-02	4.08E-02	6.72E-03	6.72E-03	6.72E-03	1.71E-02	6.00E-05	6.00E-05	6.00E-05	7.00E-04
-1515.21	-320.18	4.03E-02	4.03E-02	4.03E-02	4.03E-02	5.79E-03	5.79E-03	5.79E-03	1.76E-02	5.00E-05	5.00E-05	5.00E-05	6.80E-04
-1749.69	-63.90	2.30E-02	2.30E-02	2.30E-02	2.80E-02	4.12E-03	4.12E-03	4.12E-03	1.54E-02	3.00E-05	3.00E-05	3.00E-05	4.90E-04
-920.57	426.17	2.55E-02	2.55E-02	2.55E-02	2.55E-02	3.38E-03	3.38E-03	3.38E-03	1.09E-02	5.00E-05	5.00E-05	5.00E-05	5.30E-04
-420.73	233.87	2.97E-02	2.97E-02	2.97E-02	3.09E-02	5.74E-03	5.74E-03	5.74E-03	1.84E-02	1.90E-04	1.90E-04	1.90E-04	1.96E-03
1090.12	214.10	1.52E-02	1.52E-02	1.52E-02	2.19E-02	1.90E-03	1.90E-03	1.90E-03	7.76E-03	3.00E-05	3.00E-05	3.00E-05	3.30E-04
1183.39	65.17	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.97E-03	2.97E-03	2.97E-03	6.25E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-04
1055.30	-577.42	3.13E-02	3.13E-02	3.13E-02	3.14E-02	3.91E-03	3.91E-03	3.91E-03	1.33E-02	8.00E-05	8.00E-05	8.00E-05	1.05E-03
-103.02	-518.78	5.39E-02	5.39E-02	5.39E-02	5.65E-02	1.55E-02	1.55E-02	1.55E-02	4.95E-02	1.31E-03	1.31E-03	1.31E-03	1.53E-02
-1076.39	-488.67	5.12E-02	5.12E-02	5.12E-02	5.65E-02	1.08E-02	1.08E-02	1.08E-02	3.23E-02	2.60E-04	2.60E-04	2.60E-04	3.11E-03
-4113.79	-1330.97	6.34E-03	6.34E-03	6.34E-03	7.30E-03	7.90E-04	7.90E-04	7.90E-04	2.15E-03	1.00E-05	1.00E-05	1.00E-05	6.00E-05
-5050.04	-958.41	4.46E-03	4.46E-03	4.46E-03	5.71E-03	5.60E-04	5.60E-04	5.60E-04	1.73E-03	0.00E+00	0.00E+00	0.00E+00	5.00E-05
-4023.97	-112.26	6.33E-03	6.33E-03	6.33E-03	8.83E-03	1.45E-03	1.45E-03	1.45E-03	2.94E-03	1.00E-05	1.00E-05	1.00E-05	9.00E-05
-2122.34	995.23	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.81E-03	1.81E-03	1.81E-03	4.74E-03	1.00E-05	1.00E-05	1.00E-05	9.00E-05
-2734.69	227.40	1.25E-02	1.25E-02	1.25E-02	1.44E-02	1.78E-03	1.78E-03	1.78E-03	7.31E-03	1.00E-05	1.00E-05	1.00E-05	1.90E-04
-2371.11	-69.21	1.38E-02	1.38E-02	1.38E-02	1.88E-02	3.11E-03	3.11E-03	3.11E-03	8.56E-03	2.00E-05	2.00E-05	2.00E-05	2.60E-04
-2146.26	177.17	1.97E-02	1.97E-02	1.97E-02	1.97E-02	3.14E-03	3.14E-03	3.14E-03	1.10E-02	2.00E-05	2.00E-05	2.00E-05	2.90E-04
-1919.02	445.07	1.44E-02	1.44E-02	1.44E-02	1.89E-02	3.06E-03	3.06E-03	3.06E-03	6.96E-03	2.00E-05	2.00E-05	2.00E-05	2.20E-04
-1651.12	607.72	2.05E-02	2.05E-02	2.05E-02	2.05E-02	2.56E-03	2.56E-03	2.56E-03	7.28E-03	2.00E-05	2.00E-05	2.00E-05	1.70E-04
-3361.39	677.09	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.91E-03	1.91E-03	1.91E-03	4.67E-03	1.00E-05	1.00E-05	1.00E-05	1.10E-04
-3026.51	724.93	1.01E-02	1.01E-02	1.01E-02	1.13E-02	2.18E-03	2.18E-03	2.18E-03	4.55E-03	1.00E-05	1.00E-05	1.00E-05	1.20E-04
-1679.82	1478.41	1.11E-02	1.11E-02	1.11E-02	1.11E-02	1.56E-03	1.56E-03	1.56E-03	2.93E-03	1.00E-05	1.00E-05	1.00E-05	8.00E-05
-922.86	446.42	2.50E-02	2.50E-02	2.50E-02	2.50E-02	3.26E-03	3.26E-03	3.26E-03	1.06E-02	4.00E-05	4.00E-05	4.00E-05	5.10E-04
-1799.42	1088.51	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.73E-03	1.73E-03	1.73E-03	3.81E-03	1.00E-05	1.00E-05	1.00E-05	9.00E-05
-359.36	1846.44	7.53E-03	7.53E-03	7.53E-03	9.67E-03	1.30E-03	1.30E-03	1.30E-03	5.35E-03	1.00E-05	1.00E-05	1.00E-05	2.40E-04
671.30	-742.78	2.42E-02	2.42E-02	2.42E-02	3.18E-02	3.54E-03	3.54E-03	3.54E-03	1.70E-02	2.60E-04	2.60E-04	2.60E-04	3.29E-03
-1565.55	-932.22	1.98E-02	1.98E-02	1.98E-02	2.21E-02	3.30E-03	3.30E-03	3.30E-03	8.37E-03	4.00E-05	4.00E-05	4.00E-05	4.20E-04
-1733.02	-528.24	2.84E-02	2.84E-02	2.84E-02	2.84E-02	3.98E-03	3.98E-03	3.98E-03	1.15E-02	4.00E-05	4.00E-05	4.00E-05	4.10E-04
-1261.46	-507.67	4.31E-02	4.31E-02	4.31E-02	4.81E-02	8.12E-03	8.12E-03	8.12E-03	2.17E-02	1.00E-04	1.00E-04	1.00E-04	9.80E-04
-883.92	-503.26	4.93E-02	4.93E-02	4.93E-02	5.41E-02	1.25E-02	1.25E-02	1.25E-02	3.55E-02	6.30E-04	6.30E-04	6.30E-04	7.74E-03
1599.35	-1104.97	9.39E-03	9.39E-03	9.39E-03	1.70E-02	1.17E-03	1.17E-03	1.17E-03	7.86E-03	5.00E-05	5.00E-05	5.00E-05	8.00E-04
1608.16	-1382.63	1.08E-02	1.08E-02	1.08E-02	1.40E-02	1.35E-03	1.35E-03	1.35E-03	6.73E-03	5.00E-05	5.00E-05	5.00E-05	6.90E-04
3517.15	-1425.27	2.78E-03	2.78E-03	2.78E-03	7.98E-03	3.70E-04	3.70E-04	3.70E-04	3.96E-03	1.00E-05	1.00E-05	1.00E-05	1.80E-04
2959.77	-846.37	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.30E-03	1.30E-03	1.30E-03	2.71E-03	1.00E-05	1.00E-05	1.00E-05	1.40E-04
3479.67	224.81	6.90E-03	6.90E-03	6.90E-03	7.51E-03	8.60E-04	8.60E-04	8.60E-04	1.47E-03	1.00E-05	1.00E-05	1.00E-05	6.00E-05
44.43	1469.76	9.11E-03	9.11E-03	9.11E-03	1.17E-02	1.82E-03	1.82E-03	1.82E-03	5.64E-03	2.00E-05	2.00E-05	2.00E-05	3.60E-04
3044.83	-34.00	5.10E-03	5.10E-03	5.10E-03	9.40E-03	6.40E-04	6.40E-04	6.40E-04	2.06E-03	1.00E-05	1.00E-05	1.00E-05	7.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	1.00E-04	1.00E-04	1.38E-03
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	2.50E-04
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	4.00E-05	4.00E-05	6.50E-04
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.20E-04
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	3.10E-04
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	3.40E-04	3.40E-04	5.37E-03
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	3.30E-04	3.30E-04	5.16E-03
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	4.00E-05	4.00E-05	6.10E-04
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	4.40E-04
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.40E-04
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	3.20E-04
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.60E-04
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	3.60E-04
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	7.00E-05
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.30E-04
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	1.40E-04
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	1.80E-04
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-04
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	9.00E-05
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	3.80E-04
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.20E-04

		Phase: 1A1B																				
		Source Group: Diesel Exhaust						Source Group: Fugitive						Source Group: Gasoline Exhaust						Source Group: Tire Wear / Brake Wear (TB)		
		Averaging Period: 1HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: AN		Averaging Period: 1HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: AN		Averaging Period: 1HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: AN		Averaging Peri	Averaging Peri	Averaging Peri
		PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	PM10	PM10
X	Y	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024
-1710.89	-383.91	1.61E+00	5.21E+00	5.02E-01	1.62E+00	2.17E-02	6.99E-02	9.88E+00	1.28E+00	1.87E+00	3.49E-01	6.46E-02	1.30E-02	7.10E-04	3.55E-03	2.00E-04	1.05E-03	1.00E-05	4.00E-05	6.69E-02	1.42E-02	5.20E-04
-1778.03	-291.29	1.58E+00	5.14E+00	5.33E-01	1.72E+00	2.07E-02	6.67E-02	9.53E+00	1.19E+00	2.24E+00	3.70E-01	6.19E-02	1.25E-02	7.30E-04	3.62E-03	2.10E-04	1.08E-03	1.00E-05	4.00E-05	6.37E-02	1.67E-02	5.00E-04
-1732.28	175.05	1.51E+00	4.96E+00	5.72E-01	1.85E+00	1.70E-02	5.46E-02	8.08E+00	1.00E+00	2.22E+00	4.04E-01	5.21E-02	1.04E-02	7.40E-04	3.66E-03	2.50E-04	1.29E-03	1.00E-05	3.00E-05	5.19E-02	1.65E-02	4.20E-04
-1579.43	347.93	1.55E+00	5.09E+00	3.97E-01	1.28E+00	1.40E-02	4.51E-02	7.77E+00	9.01E-01	1.53E+00	2.35E-01	4.02E-02	7.98E-03	6.40E-04	3.20E-03	1.60E-04	7.80E-04	0.00E+00	3.00E-05	5.29E-02	1.12E-02	3.20E-04
-1525.43	516.64	1.43E+00	4.70E+00	3.29E-01	1.07E+00	1.07E-02	3.45E-02	6.82E+00	8.60E-01	1.30E+00	2.19E-01	2.95E-02	5.78E-03	6.80E-04	3.41E-03	1.40E-04	7.30E-04	0.00E+00	2.00E-05	4.57E-02	9.29E-03	2.40E-04
-1332.88	500.04	1.51E+00	4.98E+00	3.82E-01	1.23E+00	1.27E-02	4.09E-02	7.72E+00	8.40E-01	1.42E+00	2.40E-01	3.56E-02	6.82E-03	7.00E-04	3.48E-03	1.40E-04	7.30E-04	0.00E+00	2.00E-05	5.06E-02	1.07E-02	2.80E-04
-1140.45	476.30	1.68E+00	5.56E+00	4.34E-01	1.41E+00	1.65E-02	5.32E-02	8.32E+00	8.44E-01	1.62E+00	2.63E-01	4.61E-02	8.92E-03	7.60E-04	3.74E-03	1.70E-04	8.80E-04	1.00E-05	3.00E-05	5.29E-02	1.20E-02	3.70E-04
-672.12	353.55	1.63E+00	5.42E+00	7.28E-01	2.38E+00	4.97E-02	1.61E-01	9.74E+00	8.42E-01	3.02E+00	4.00E-01	1.54E-01	2.80E-02	6.90E-04	3.32E-03	2.80E-04	1.43E-03	2.00E-05	9.00E-05	6.21E-02	2.12E-02	1.19E-03
-169.37	170.38	1.42E+00	4.65E+00	9.20E-01	2.96E+00	1.15E-01	3.69E-01	7.76E+00	8.98E-01	2.71E+00	5.94E-01	3.31E-01	6.94E-02	5.50E-04	2.79E-03	3.40E-04	1.81E-03	4.00E-05	2.10E-04	5.41E-02	2.25E-02	2.71E-03
-75.04	299.11	1.16E+00	3.74E+00	7.15E-01	2.30E+00	8.08E-02	2.60E-01	6.43E+00	7.12E-01	2.06E+00	4.51E-01	2.36E-01	4.92E-02	4.60E-04	2.31E-03	2.50E-04	1.37E-03	3.00E-05	1.50E-04	4.34E-02	1.70E-02	1.92E-03
49.15	527.20	8.96E-01	2.88E+00	5.31E-01	1.71E+00	5.00E-02	1.61E-01	3.87E+00	5.47E-01	1.52E+00	3.33E-01	1.46E-01	3.04E-02	3.10E-04	1.68E-03	1.90E-04	1.01E-03	2.00E-05	9.00E-05	2.48E-02	1.26E-02	1.19E-03
144.22	648.15	8.01E-01	2.57E+00	4.59E-01	1.47E+00	3.98E-02	1.28E-01	2.96E+00	4.97E-01	1.33E+00	2.91E-01	1.17E-01	2.42E-02	2.80E-04	1.52E-03	1.60E-04	8.90E-04	1.00E-05	7.00E-05	1.89E-02	1.10E-02	9.50E-04
394.15	623.31	7.92E-01	2.54E+00	4.41E-01	1.42E+00	3.40E-02	1.09E-01	3.81E+00	4.99E-01	1.32E+00	2.89E-01	1.01E-01	2.07E-02	2.80E-04	1.52E-03	1.60E-04	8.80E-04	1.00E-05	6.00E-05	2.63E-02	1.09E-02	8.10E-04
501.62	717.12	7.20E-01	2.31E+00	3.97E-01	1.28E+00	2.80E-02	9.01E-02	3.46E+00	4.63E-01	1.19E+00	2.61E-01	8.34E-02	1.70E-02	2.60E-04	1.40E-03	1.50E-04	7.90E-04	1.00E-05	5.00E-05	2.37E-02	9.87E-03	6.70E-04
618.47	665.12	7.19E-01	2.31E+00	4.08E-01	1.31E+00	2.60E-02	8.35E-02	2.93E+00	4.82E-01	1.24E+00	2.72E-01	7.76E-02	1.58E-02	2.70E-04	1.45E-03	1.50E-04	8.20E-04	1.00E-05	5.00E-05	2.13E-02	1.02E-02	6.20E-04
755.45	579.13	7.40E-01	2.38E+00	3.81E-01	1.22E+00	2.33E-02	7.49E-02	2.76E+00	5.34E-01	1.12E+00	2.45E-01	6.99E-02	1.42E-02	3.00E-04	1.61E-03	1.40E-04	7.50E-04	1.00E-05	4.00E-05	2.00E-02	9.32E-03	5.50E-04
867.79	485.41	7.60E-01	2.44E+00	3.16E-01	1.01E+00	2.07E-02	6.67E-02	2.40E+00	5.25E-01	9.18E-01	2.01E-01	6.23E-02	1.25E-02	3.00E-04	1.59E-03	1.10E-04	6.10E-04	1.00E-05	4.00E-05	1.98E-02	7.62E-03	4.90E-04
955.03	377.60	7.51E-01	2.41E+00	2.89E-01	9.28E-01	1.86E-02	5.98E-02	2.66E+00	5.82E-01	9.50E-01	2.08E-01	5.65E-02	1.11E-02	3.20E-04	1.73E-03	1.20E-04	6.20E-04	1.00E-05	3.00E-05	2.15E-02	7.73E-03	4.40E-04
1331.68	-165.58	9.10E-01	2.94E+00	2.22E-01	7.14E-01	1.42E-02	4.57E-02	5.94E+00	6.87E-01	7.59E-01	1.66E-01	3.96E-02	7.72E-03	4.70E-04	2.13E-03	9.00E-05	5.00E-04	0.00E+00	2.00E-05	3.24E-02	6.17E-03	3.10E-04
1406.74	-290.13	1.04E+00	3.39E+00	2.33E-01	7.49E-01	1.53E-02	4.92E-02	6.31E+00	7.51E-01	8.09E-01	1.77E-01	4.07E-02	7.95E-03	5.30E-04	2.51E-03	1.00E-04	5.20E-04	0.00E+00	3.00E-05	3.66E-02	6.52E-03	3.20E-04
1456.20	-436.06	1.21E+00	3.93E+00	2.26E-01	7.25E-01	1.85E-02	5.95E-02	8.91E+00	1.05E+00	1.11E+00	1.49E-01	4.77E-02	9.36E-03	7.20E-04	3.35E-03	9.00E-05	4.50E-04	1.00E-05	3.00E-05	5.10E-02	6.38E-03	3.80E-04
1209.21	-528.32	1.43E+00	4.64E+00	3.50E-01	1.13E+00	3.31E-02	1.07E-01	8.70E+00	1.14E+00	1.09E+00	2.24E-01	9.11E-02	1.77E-02	7.30E-04	3.52E-03	1.30E-04	6.90E-04	1.00E-05	6.00E-05	5.43E-02	8.65E-03	7.10E-04
913.01	-694.67	1.20E+00	3.85E+00	6.60E-01	2.12E+00	9.34E-02	3.00E-01	5.94E+00	9.70E-01	2.27E+00	4.90E-01	3.01E-01	6.08E-02	5.30E-04	2.86E-03	2.70E-04	1.47E-03	4.00E-05	1.90E-04	3.57E-02	1.84E-02	2.35E-03
717.24	-664.22	1.38E+00	4.44E+00	7.52E-01	2.42E+00	1.80E-01	5.78E-01	7.35E+00	9.75E-01	2.46E+00	5.20E-01	5.51E-01	1.14E-01	6.00E-04	2.94E-03	2.90E-04	1.57E-03	7.00E-05	3.50E-04	3.76E-02	1.95E-02	4.40E-03
544.23	-594.35	1.66E+00	5.32E+00	9.35E-01	3.00E+00	2.51E-01	8.07E-01	9.11E+00	1.16E+00	3.34E+00	6.44E-01	7.82E-01	1.59E-01	7.10E-04	3.49E-03	3.60E-04	1.95E-03	9.00E-05	4.90E-04	4.35E-02	2.42E-02	6.16E-03
338.12	-539.73	2.18E+00	7.01E+00	1.24E+00	3.99E+00	3.48E-01	1.12E+00	1.12E+01	1.50E+00	4.58E+00	8.34E-01	1.08E+00	2.19E-01	8.40E-04	4.52E-03	4.70E-04	2.52E-03	1.30E-04	6.80E-04	5.62E-02	3.17E-02	8.49E-03
123.44	-529.45	2.45E+00	7.93E+00	1.85E+00	5.93E+00	5.66E-01	1.82E+00	9.79E+00	1.52E+00	5.25E+00	1.15E+00	1.67E+00	3.57E-01	9.00E-04	4.67E-03	6.50E-04	3.51E-03	2.00E-04	1.09E-03	5.98E-02	4.36E-02	1.37E-02
-353.26	-515.05	2.76E+00	9.03E+00	2.02E+00	6.51E+00	5.95E-01	1.91E+00	1.13E+01	1.49E+00	5.85E+00	1.20E+00	1.73E+00	3.65E-01	1.12E-03	5.70E-03	7.20E-04	3.82E-03	2.10E-04	1.12E-03	7.77E-02	4.74E-02	1.42E-02
-537.68	-487.80	3.37E+00	1.11E+01	2.13E+00	6.90E+00	5.95E-01	1.91E+00	1.69E+01	1.80E+00	6.90E+00	1.23E+00	1.78E+00	3.64E-01	1.26E-03	6.31E-03	7.80E-04	4.09E-03	2.10E-04	1.11E-03	1.20E-01	5.28E-02	1.45E-02
-775.51	-486.07	4.77E+00	1.56E+01	2.26E+00	7.32E+00	5.01E-01	1.61E+00	3.11E+01	2.78E+00	1.00E+01	1.32E+00	1.56E+00	3.04E-01	1.57E-03	7.79E-03	7.70E-04	4.04E-03	1.70E-04	9.20E-04	2.12E-01	7.34E-02	1.26E-02
-1414.44	-481.50	2.03E+00	6.55E+00	7.89E-01	2.55E+00	3.34E-02	1.08E-01	1.15E+01	1.52E+00	2.98E+00	4.76E-01	9.81E-02	1.92E-02	8.10E-04	4.14E-03	2.80E-04	1.47E-03	1.00E-05	6.00E-05	8.13E-02	2.21E-02	7.90E-04
-1515.21	-320.18	2.11E+00	6.86E+00	7.24E-01	2.33E+00	3.08E-02	9.92E-02	1.28E+01	1.60E+00	3.00E+00	5.08E-01	9.27E-02	1.86E-02	9.00E-04	4.54E-03	2.80E-04	1.47E-03	1.00E-05	6.00E-05	8.73E-02	2.26E-02	7.50E-04
-1749.69	-63.90	1.25E+00	4.08E+00	5.99E-01	1.93E+00	2.12E-02	6.82E-02	7.17E+00	9.05E-01	2.49E+00	4.54E-01	6.57E-02	1.33E-02	5.40E-04	2.69E-03	2.60E-04	1.35E-03	1.00E-05	4.00E-05	4.93E-02	1.89E-02	5.30E-04
-920.57	426.17	1.53E+00	5.05E+00	4.61E-01	1.48E+00	2.63E-02	8.50E-02	9.34E+00	8.10E-01	1.38E+00	2.87E-01	7.56E-02	1.45E-02	6.10E-04	2.98E-03	1.60E-04	8.80E-04	1.00E-05	5.00E-05	6.04E-02	1.09E-02	6.00E-04
-420.73	233.87	1.78E+00	5.83E+00	7.70E-01	2.48E+00	9.21E-02	2.97E-01	7.33E+00	9.18E-01	2.26E+00	4.86E-01	2.75E-01	5.40E-02	6.50E-04	3.27E-03	2.80E-04	1.48E-03	3.00E-05	1.70E-04	5.07E-02	1.84E-02	2.19E-03
1090.12	214.10	9.07E-01	2.96E+00	2.82E-01	9.05E-01	1.55E-02	5.00E-02	4.32E+00	5.93E-01	9.50E-01	2.08E-01	4.76E-02	9.17E-03	3.80E-04	1.93E-03	1.20E-04	6.20E-04	1.00E-05	3.00E-05	3.02E-02	7.76E-03	3.70E-04
1183.39	65.17	1.10E+00	3.58E+00	2.24E-01	7.19E-01	1.43E-02	4.61E-02	6.05E+00	8.53E-01	7.72E-01	1.69E-01	4.22E-02	8.26E-03	5.20E-04	2.62E-03	9.00E-05	5.00E-04	0.00E+00	3.00E-05	4.06E-02	6.25E-03	3.30E-04
1055.30	-577.42	1.48E+00	4.80E+00	5.00E-01	1.61E+00	5.05E-02	1.62E-01	7.11E+00	1.06E+00	1.68E+00	3.59E-01	1.51E-01	2.89E-02	6.30E-04	3.18E-03	2.00E-04	1.08E-03	2.00E-05	9.00E-05	4.94E-02	1.36E-02	1.15E-03
-103.02	-518.78	2.64E+00	8.58E+00	2.12E+00	6.82E+00	6.51E-01	2.09E+00	9.09E+00	1.53E+00	5.95E+00	1.30E+00	1.88E+00	4.04E-01	1.03E-03	5.33E-03	7.40E-04	3.99E-03	2.30E-04	1.24E-03	6.60E-02	4.96E-02	1.55E-02
-1076.39	-488.67	3.31E+00	1.08E+01	1.61E+00	5.19E+00	1.46E-01	4.70E-01	1.94E+01	2.11E+00	6.00E+00	9.88E-01	4.12E-01	8.37E-02	1.21E-03	6.09E-03	5.80E-04	3.02E-03	5.00E-05	2.60E-04	1.37E-01	4.54E-02	3.37E-03
-4113.79	-1330.97	3.03E-01	9.88E-01	8.39E-02	2.72E-01	3.01E-03	9.69E-03	1.96E+00	2.48E-01	3.39E-01	5.84E-02	9.19E-03	1.78E-03	1.60E-04	7.80E-04	3.00E-05	1.70E-04	0.00E+00	1.00E-05	1.30E-02	2.39E-03	7.00E-05
-5050.04	-958.41	2.49E-01	8.13E-01	6.29E-02	2.02E-01	2.34E-03	7.53E-03	1.50E+00	1.81E-01	2.49E-01	4.66E-02	6.94E-03	1.39E-03	1.20E-04	6.20E-04	3.00E-05	1.40E-04	0.00E+00	0.00E+00	9.81E-03	1.77E-03	6.00E-05
-4023.97	-112.26	3.52E-01	1.15E+00	1.28E-01	4.16E-01	4.11E-03	1.32E-02	2.07E+00	2.59E-01	5.76E-01	8.50E-02	1.20E-02	2.46E-03	1.60E-04	8.10E-04	5.00E-05	2.70E-04	0.00E+00	1.00E-05	1.32E-02	4.05E-03	1.00E-04
-2122.34	995.23	7.93E-01	2.59E+00	1.79E-01	5.81E-01	4.53E-03	1.46E-02	3.97E+00	5.30E-01	7.27E-01	1.27E-01	1.22E-02	2.42E-03	3.90E-04	1.91E-03	8.00E-05	4.00E-04	0.00E+00	1.00E-05	2.71E-02	5.14E-03	1.00E-04
-2734.69	227.40	6.53E-01	2.12E+00	2.80E-01	9.03E-01	8.25E-03	2.66E-02	4.07E+00	5.09E-01	1.24E+00	2.18E-01	2.57E-02	5.20E-03	3.30E-04	1.63E-03	1.30E-04	6.70E-04	0.00E+00	2.00E-05	2.63E-02	9.08E-03	2.10E-04
-2371.11	-69.21	7.12E-01	2.34E+00	3.36E-01	1.08E+00	1.14E-02	3.68E-02	4.43E+00	5.57E-01	1.45E+00	2.50E-01	3.41E-02	6.99E-03	3.50E-04	1.71E-03	1.40E-04	7.40E-04	0.00E+00	2.00E-05	2.89E-02	1.03E-02	2.80E-04
-2146.26	177.17	1.08E+00	3.53E+00	4.29E-01	1.38E+00	1.25E-02	4.02E-02	6.13E+00	7.74E-01	1.79E+00	3.26E-01	3.91E-02	7.88E-03	4.80E-04	2.40E-03	1.90E-04	9.90E-04	0.00E+00	2.00E-05	4.18E-02	1.34E-02	3.10E-04
-1919.02	445.07	1.02E+00	3.33E+00	3.29E-01	1.06E+00	1.02E-02	3.29E-02	5.33E+00	6.12E-01	1.27E+00	1.94E-01	2.98E-02	5.97E-03	4.20E-04	2.07E-03	1.30E-04	6.40E-04	0.00E+00	2.00E-05	3.76E-02	8.33E-03	2.40E-04
-1651.12	607.72	1.25E+00	4.11E+00	2.87E-01	9.34E-01	8.70E-03	2.80E-02	5.98E+00	7.74E-01	1.14E+00	1.94E-01	2.37E-02	4.67E-03	6.00E-04	2.99E-03	1.20E-04	6.40E-04	0.00E+00	1.00E-05	4.04E-02	8.17E-03	1.90E-04
-3361.39	677.09	5.46E-01	1.78E+00	1.96E-01	6.34E-01	4.88E-03	1.57E-02	3.56E+00	4.46E-01	7.69E-01	1.37E-01	1.56E-02	3.11E-03	3.00E-04	1.47E-03	8.00E-05	4.30E-04	0.00E+00	1.00E-05	2.27E-02	5.73E-03	1.20E-04
-3026.51	724.93	5.63E-01	1.84E+00	2.02E-01	6.53E-01	5.21E-03	1.68E-02	3.28E+00	4.06E-01	8.64E-01	1.25E-01	1.60E-02	3.22E-03	3.00E-04	1.44E-03	8.00E-05	4.10E-04	0.00E+00	1.00E-05	2.02E-02	5.78E-03	1.30E-04
-1679.82	1478.41	6.67E-01	2.19E+00	1.49E-01	4.85E-01	4.06E-03	1.31E-02	2.81E+00	3.90E-01	5.58E-01	9.08E-02	1.16E-02	2.27E-03	2.90E-04	1.45E-03	6.00E-05	3.10E-04	0.00E+00	1.00E-05	1.94E-02	4.08E-03	9.00E-05
-922.86	446.42	1.47E+00	4.83E+00	4.49E-01	1.44E+00	2.52E-02	8.15E-02	9.06E+00	7.87E-01	1.29E+00	2.80E-01	7.23E-02	1.40E-02	5.90E-04	2.89E-03	1.60E-04	8.50E-04	1.00E-05	4.00E-05	5.86E-02	1.06E-02	5.80E-04
-1799.42	1088.51	8.09E-01	2.65E+00	1.75E-01	5.65E-01	4.69E-03	1.51E-02	4.34E+00	5.01E-01	6.33E-01	1.08E-01	1.36E-02	2.56E-03	3.70E-04	1.86E-03	6.00E-05	3.30E-04	0.00E+00	1.00E-05	2.91E-02	4.77E-03	1.10E-04
-359.36	1846.44	3.84E-01	1.23E+00	2.13E-01	6.84E-01	1.07E-02	3.43E-02	1.84E+00	2.55E-01	6.46E-01	1.42E-01	3.14E-02	6.43E-03	1.40E-04	7.80E-04	8.00E-05	4.30E-04	0.00E+00	2.00E-05	1.21E-02	5.35E-03	2.50E-04
671.30	-742.78	1.19E+00	3.81E+00	6.34E-01	2.04E+00	1.41E-01	4.53E-01	6.01E+00	8.49E-01	2.09E+00	4.54E-01	4.31E-01	8.89E-02	5.00E-04	2.55E-03	2.50E-04	1.36E-03	5.00E-05	2.70E-04	3.27E-02	1.70E-02	3.44E-03
-1565.55	-932.22	1.12E+00	3.65E+00	4.11E-01	1.33E+00	2.11E-02	6.79E-02	6.46E+00	7.38E-01	1.67E+00	2.64E-01	5.85E-02	1.15E-02	4.40E-04	2.23E-03	1.60E-04	8.30E-04	1.00E-05	4.00E-05	4.45E-02	1.22E-02	4.70E-04
-1733.02	-528.24	1.41E+00	4.57E+00	4.70E-01	1.52E+00	1.92E-02	6.18E-02	8.34E+00	1.09E+00	1.73E+00	3.12E-01	5.69E-02	1.12E-02	6.10E-04	3.09E-03	1.70E-04	9.20E-04	1.00E-05	3.00E-05	5.77E-02	1.29E-02	4.60E-04
-1261.46	-507.67	2.39E+00	7.74E+00	1.07E+00	3.47E+00	4.87E-02	1.57E-01	1.35E+01	1.67E+00	3.85E+00	6.52E-01	1.37E-01	2.68E-02	8.80E-04	4.53E-03	3.90E-04	2.05E-03	2.00E-05	8.00E-05	9.69E-02	2.90E-02	1.11E-03
-883.92	-503.26	4.19E+00	1.37E+01	2.14E+00	6.92E+00	3.52E-01	1.13E+00	2.71E+01	2.43E+00	9.64E+00	1.28E+00	1.06E+00	2.12E-01	1.39E-03	6.88E-03	7.30E-04	3.79E-03	1.20E-04	6.50E-04	1.85E-01	7.06E-02	8.64E-03
1599.35	-1104.97	5.47E-01	1.76E+00	2.70E-01	8.69E-01	3.29E-02	1.06E-01	2.91E+00	4.66E-01	9.73E-01	2.13E-01	1.06E-01	2.17E-02	2.60E-04	1.36E-03	1.20E-04	6.30E-04	1.00E-05	7.00E-05	1.70E-02	7.86E-03	8.40E-04
1608.16	-1382.63	4.97E-01	1.62E+00	2.35E-01	7.56E-01	2.99E-02	9.63E-02	2.73E+00	3.86E-01	8.31E-01	1.82E-01	9.17E-02	1.88E-02	2.50E-04	1.27E-03	1.00E-04	5.40E-04	1.00E-05	6.00E-05	1.80E-02	6.73E-03	7.30E-04
3517.15	-1425.27	2.35E-01	7.54E-01	1.24E-01	4.00E-01	8.50E-03	2.74E-02	1.03E+00	2.25E-01	5.37E-01	1.12E-01	2.43E-02	4.95E-03	1.20E-04	6.40E-04	6.00E-05	3.30E-04	0.00E+00	2.00E-05	7.98E-03	4.14E-03	2.00E-04
2959.77	-846.37	4.86E-01	1.58E+00	1.04E-01	3.36E-01	7.44E-03	2.39E-02	2.99E+00	3.95E-01	3.74E-01	7.35E-02	1.90E-02	3.78E-03	2.50E-04	1.21E-03	4.00E-05	2.20E-04	0.00E+00	1.00E-05	1.92E-02	2.71E-03	1.50E-04
3479.67	224.81	3.28E-01	1.06E+00	5.31E-02	1.71E-01	2.74E-03	8.82E-03	2.07E+00	2.67E-01	2.59E-01	4.08E-02	8.24E-03	1.58E-03	1.70E-04	8.20E-04	2.00E-05	1.20E-04	0.00E+00	0.00E+00	1.26E-02	1.57E-03	6.00E-05
44.43	1469.76	5.81E-01	1.91E+00	2.26E-01	7.25E-01	1.60E-02	5.14E-02	3.35E+00	3.62E-01	6.83E-01	1.50E-01	4.67E-02	9.67E-03	2.50E-04	1.25E-03	8.00E-05	4.50E-04	1.00E-05	3.00E-05	2.26E-02	5.64E-03	3.80E-04
3044.83	-34.00	3.07E-01	9.93E-01	7.75E-02	2.49E-01	3.62E-03	1.17E-02	1.40E+00	2.63E-01	2.48E-01	5.44E-02	1.07E-02	2.06E-03	1.40E-04	7.50E-04	3.00E-05	1.70E-04	0.00E+00	1.00E-05	9.40E-03	2.06E-03	8.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-02	1.89E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-01	3.76E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.20E-04	0.00E+00	0.00E+00	1.46E-03
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-02	4.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-02	6.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.80E-04
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-02	9.17E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-02	1.77E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	5.00E-05	0.00E+00	0.00E+00	6.90E-04
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-02	3.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-02	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	2.30E-04
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-02	4.53E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02	8.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	3.30E-04
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-01	7.60E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	4.40E-04	0.00E+00	0.00E+00	5.58E-03
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-01	7.22E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-01	1.38E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	4.20E-04	0.00E+00	0.00E+00	5.34E-03
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-02	8.13E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-02	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	5.00E-05	0.00E+00	0.00E+00	6.50E-04
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-02	6.49E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-02	1.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00

Phase: 1B
Source Group: Diesel Exhaust

		Averaging Period: 1HR_1ST						Averaging Period: 8HR_1ST						Averaging Period: AN					
		PM10			VOC			PM10			VOC			PM10			VOC		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	6.01E-01	5.26E-01	4.81E-01	2.01E+00	1.93E+00	1.16E+00	1.16E-01	1.01E-01	9.26E-02	3.87E-01	3.73E-01	2.28E-01	1.21E-03	1.06E-03	9.70E-04	4.07E-03	3.91E-03	2.47E-03
-1778.03	-291.29	6.14E-01	5.38E-01	4.92E-01	2.04E+00	1.97E+00	1.21E+00	1.01E-01	8.77E-02	8.02E-02	3.38E-01	3.25E-01	2.21E-01	1.06E-03	9.30E-04	8.50E-04	3.56E-03	3.43E-03	2.17E-03
-1732.28	175.05	6.42E-01	5.59E-01	5.10E-01	2.16E+00	2.08E+00	1.51E+00	1.19E-01	1.04E-01	9.48E-02	3.99E-01	3.83E-01	2.55E-01	9.50E-04	8.30E-04	7.60E-04	3.21E-03	3.08E-03	2.17E-03
-1579.43	347.93	7.12E-01	6.21E-01	5.68E-01	2.39E+00	2.30E+00	1.49E+00	9.79E-02	8.47E-02	7.71E-02	3.33E-01	3.18E-01	2.82E-01	8.60E-04	7.50E-04	6.80E-04	2.90E-03	2.79E-03	2.02E-03
-1525.43	516.64	6.14E-01	5.35E-01	4.90E-01	2.07E+00	1.99E+00	1.61E+00	7.68E-02	6.69E-02	6.13E-02	2.58E-01	2.48E-01	2.02E-01	6.90E-04	6.00E-04	5.50E-04	2.32E-03	2.23E-03	1.50E-03
-1332.88	500.04	7.65E-01	6.66E-01	6.10E-01	2.58E+00	2.48E+00	1.80E+00	1.00E-01	8.74E-02	8.01E-02	3.35E-01	3.22E-01	2.26E-01	9.20E-04	8.00E-04	7.30E-04	3.09E-03	2.97E-03	2.03E-03
-1140.45	476.30	9.43E-01	8.18E-01	7.48E-01	3.20E+00	3.07E+00	2.38E+00	1.34E-01	1.17E-01	1.07E-01	4.56E-01	4.38E-01	3.40E-01	1.25E-03	1.09E-03	9.90E-04	4.22E-03	4.06E-03	2.97E-03
-672.12	353.55	1.19E+00	1.04E+00	9.47E-01	4.01E+00	3.86E+00	2.64E+00	2.62E-01	2.28E-01	2.09E-01	8.86E-01	8.52E-01	6.09E-01	6.36E-03	5.52E-03	5.04E-03	2.16E-02	2.07E-02	1.64E-02
-169.37	170.38	6.30E-01	5.51E-01	5.06E-01	2.11E+00	2.03E+00	1.73E+00	7.98E-02	6.98E-02	6.40E-02	2.67E-01	2.57E-01	2.16E-01	3.19E-03	2.78E-03	2.53E-03	1.07E-02	1.03E-02	7.25E-03
-75.04	299.11	5.66E-01	4.94E-01	4.53E-01	1.90E+00	1.83E+00	1.13E+00	7.19E-02	6.27E-02	5.75E-02	2.41E-01	2.32E-01	1.43E-01	2.28E-03	1.98E-03	1.81E-03	7.64E-03	7.34E-03	5.14E-03
49.15	527.20	4.27E-01	3.72E-01	3.40E-01	1.44E+00	1.39E+00	9.67E-01	5.48E-02	4.77E-02	4.37E-02	1.85E-01	1.78E-01	1.23E-01	1.52E-03	1.32E-03	1.21E-03	5.10E-03	4.89E-03	3.45E-03
144.22	648.15	3.47E-01	3.02E-01	2.77E-01	1.17E+00	1.13E+00	8.01E-01	4.47E-02	3.89E-02	3.56E-02	1.51E-01	1.45E-01	1.02E-01	1.22E-03	1.06E-03	9.70E-04	4.08E-03	3.92E-03	2.76E-03
394.15	623.31	2.91E-01	2.54E-01	2.33E-01	9.76E-01	9.40E-01	5.65E-01	3.65E-02	3.19E-02	2.92E-02	1.22E-01	1.18E-01	7.07E-02	9.90E-04	8.70E-04	7.90E-04	3.30E-03	3.16E-03	2.28E-03
501.62	717.12	2.62E-01	2.29E-01	2.10E-01	8.79E-01	8.46E-01	5.14E-01	3.28E-02	2.87E-02	2.62E-02	1.10E-01	1.06E-01	6.44E-02	8.70E-04	7.60E-04	6.90E-04	2.88E-03	2.76E-03	2.00E-03
618.47	665.12	2.00E-01	1.75E-01	1.60E-01	6.68E-01	6.43E-01	3.53E-01	2.51E-02	2.20E-02	2.02E-02	8.40E-02	8.09E-02	5.55E-02	8.00E-04	7.00E-04	6.30E-04	2.66E-03	2.54E-03	1.89E-03
755.45	579.13	1.26E-01	1.10E-01	9.88E-02	4.25E-01	4.08E-01	3.70E-01	1.72E-02	1.50E-02	1.33E-02	5.51E-02	5.22E-02	5.04E-02	7.40E-04	6.50E-04	5.80E-04	2.44E-03	2.34E-03	1.81E-03
867.79	485.41	1.89E-01	1.64E-01	1.50E-01	6.41E-01	6.16E-01	4.81E-01	2.36E-02	2.05E-02	1.87E-02	8.02E-02	7.70E-02	6.01E-02	7.30E-04	6.40E-04	5.70E-04	2.40E-03	2.29E-03	1.83E-03
955.03	377.60	2.49E-01	2.17E-01	1.98E-01	8.43E-01	8.10E-01	5.93E-01	3.12E-02	2.71E-02	2.48E-02	1.05E-01	1.01E-01	7.41E-02	7.70E-04	6.70E-04	6.00E-04	2.51E-03	2.40E-03	1.96E-03
1331.68	-165.58	2.84E-01	2.47E-01	2.24E-01	9.52E-01	9.11E-01	7.31E-01	3.56E-02	3.09E-02	2.81E-02	1.19E-01	1.14E-01	9.14E-02	6.50E-04	5.60E-04	5.10E-04	2.14E-03	2.04E-03	1.58E-03
1406.74	-290.13	3.74E-01	3.25E-01	2.95E-01	1.24E+00	1.19E+00	9.31E-01	4.67E-02	4.07E-02	3.68E-02	1.55E-01	1.48E-01	1.16E-01	6.70E-04	5.80E-04	5.20E-04	2.20E-03	2.10E-03	1.63E-03
1456.20	-436.06	4.06E-01	3.54E-01	3.20E-01	1.34E+00	1.28E+00	9.60E-01	5.07E-02	4.42E-02	4.00E-02	1.68E-01	1.60E-01	1.20E-01	7.40E-04	6.50E-04	5.80E-04	2.45E-03	2.34E-03	1.84E-03
1209.21	-528.32	4.32E-01	3.77E-01	3.42E-01	1.42E+00	1.36E+00	9.57E-01	5.40E-02	4.72E-02	4.27E-02	1.78E-01	1.70E-01	1.20E-01	1.35E-03	1.17E-03	1.06E-03	4.42E-03	4.22E-03	3.53E-03
913.01	-694.67	2.69E-01	2.34E-01	2.10E-01	8.86E-01	8.44E-01	7.48E-01	3.37E-02	2.93E-02	2.63E-02	1.11E-01	1.06E-01	9.36E-02	2.67E-03	2.33E-03	2.09E-03	8.74E-03	8.33E-03	7.16E-03
717.24	-664.22	3.07E-01	2.67E-01	2.40E-01	1.01E+00	9.68E-01	8.77E-01	6.02E-02	5.24E-02	4.65E-02	1.94E-01	1.84E-01	1.77E-01	3.81E-03	3.31E-03	2.97E-03	1.24E-02	1.18E-02	1.03E-02
544.23	-594.35	4.15E-01	3.61E-01	3.20E-01	1.33E+00	1.26E+00	1.22E+00	1.04E-01	9.03E-02	8.00E-02	3.33E-01	3.15E-01	3.04E-01	6.29E-03	5.48E-03	4.89E-03	2.05E-02	1.95E-02	1.74E-02
338.12	-539.73	5.80E-01	5.04E-01	4.47E-01	1.86E+00	1.76E+00	1.70E+00	1.34E-01	1.16E-01	1.03E-01	4.29E-01	4.06E-01	3.92E-01	8.83E-03	7.68E-03	6.87E-03	2.87E-02	2.73E-02	2.45E-02
123.44	-529.45	4.66E-01	4.06E-01	3.59E-01	1.49E+00	1.42E+00	1.37E+00	8.67E-02	7.54E-02	6.68E-02	2.78E-01	2.63E-01	2.54E-01	6.02E-03	5.24E-03	4.74E-03	1.99E-02	1.91E-02	1.53E-02
-353.26	-515.05	1.03E+00	8.96E-01	8.21E-01	3.46E+00	3.33E+00	2.29E+00	1.96E-01	1.70E-01	1.56E-01	6.65E-01	6.39E-01	4.92E-01	1.21E-02	1.06E-02	9.75E-03	4.02E-02	3.88E-02	1.90E-02
-537.68	-487.80	1.59E+00	1.39E+00	1.28E+00	5.34E+00	5.14E+00	3.01E+00	3.51E-01	3.08E-01	2.83E-01	1.17E+00	1.13E+00	7.98E-01	2.27E-02	2.00E-02	1.84E-02	7.48E-02	7.23E-02	2.51E-02
-775.51	-486.07	3.04E+00	2.68E+00	2.47E+00	1.00E+01	9.68E+00	3.34E+00	7.20E-01	6.37E-01	5.87E-01	2.36E+00	2.28E+00	6.63E-01	3.31E-02	2.93E-02	2.70E-02	1.08E-01	1.05E-01	2.59E-02
-1414.44	-481.50	7.91E-01	6.93E-01	6.36E-01	2.63E+00	2.54E+00	1.49E+00	1.51E-01	1.33E-01	1.22E-01	4.98E-01	4.80E-01	2.61E-01	2.19E-03	1.91E-03	1.75E-03	7.31E-03	7.04E-03	4.06E-03
-1515.21	-320.18	7.82E-01	6.88E-01	6.30E-01	2.58E+00	2.49E+00	1.54E+00	1.54E-01	1.34E-01	1.23E-01	5.16E-01	4.96E-01	3.12E-01	1.77E-03	1.54E-03	1.41E-03	5.92E-03	5.70E-03	3.53E-03
-1749.69	-63.90	5.39E-01	4.67E-01	4.26E-01	1.83E+00	1.75E+00	1.41E+00	1.11E-01	9.70E-02	8.86E-02	3.74E-01	3.59E-01	2.50E-01	1.07E-03	9.40E-04	8.60E-04	3.58E-03	3.45E-03	2.14E-03
-920.57	426.17	9.90E-01	8.64E-01	7.91E-01	3.33E+00	3.21E+00	2.08E+00	1.24E-01	1.08E-01	9.89E-02	4.17E-01	4.01E-01	2.60E-01	2.40E-03	2.08E-03	1.90E-03	8.12E-03	7.79E-03	5.87E-03
-420.73	233.87	8.06E-01	7.03E-01	6.44E-01	2.71E+00	2.61E+00	2.16E+00	1.26E-01	1.10E-01	1.01E-01	4.26E-01	4.10E-01	3.37E-01	7.11E-03	6.17E-03	5.63E-03	2.41E-02	2.31E-02	1.82E-02
1090.12	214.10	3.01E-01	2.62E-01	2.39E-01	1.01E+00	9.69E-01	6.50E-01	3.76E-02	3.28E-02	2.99E-02	1.26E-01	1.21E-01	8.13E-02	7.50E-04	6.50E-04	5.90E-04	2.46E-03	2.35E-03	1.90E-03
1183.39	65.17	3.32E-01	2.90E-01	2.63E-01	1.10E+00	1.05E+00	7.11E-01	4.15E-02	3.62E-02	3.29E-02	1.37E-01	1.32E-01	8.89E-02	6.70E-04	5.90E-04	5.30E-04	2.23E-03	2.13E-03	1.67E-03
1055.30	-577.42	3.86E-01	3.38E-01	3.07E-01	1.27E+00	1.22E+00	7.82E-01	4.82E-02	4.22E-02	3.83E-02	1.59E-01	1.52E-01	9.78E-02	2.11E-03	1.84E-03	1.65E-03	6.89E-03	6.56E-03	5.68E-03
-103.02	-518.78	6.05E-01	5.27E-01	4.82E-01	2.04E+00	1.96E+00	1.39E+00	7.57E-02	6.60E-02	6.04E-02	2.55E-01	2.45E-01	1.94E-01	7.03E-03	6.13E-03	5.60E-03	2.35E-02	2.26E-02	1.53E-02
-1076.39	-488.67	1.57E+00	1.38E+00	1.27E+00	5.22E+00	5.03E+00	2.46E+00	2.78E-01	2.45E-01	2.25E-01	9.15E-01	8.83E-01	3.74E-01	6.52E-03	5.72E-03	5.25E-03	2.17E-02	2.09E-02	1.00E-02
-4113.79	-1330.97	1.16E-01	1.01E-01	9.27E-02	3.89E-01	3.74E-01	2.41E-01	1.70E-02	1.49E-02	1.36E-02	5.69E-02	5.46E-02	3.51E-02	1.90E-04	1.70E-04	1.50E-04	6.30E-04	6.10E-04	3.90E-04
-5050.04	-958.41	9.60E-02	8.37E-02	7.64E-02	3.21E-01	3.08E-01	2.05E-01	1.20E-02	1.05E-02	9.56E-03	4.02E-02	3.86E-02	2.56E-02	1.20E-04	1.10E-04	1.00E-04	4.20E-04	4.00E-04	2.70E-04
-4023.97	-112.26	1.41E-01	1.23E-01	1.12E-01	4.72E-01	4.53E-01	3.17E-01	2.53E-02	2.21E-02	2.02E-02	8.42E-02	8.09E-02	5.00E-02	1.60E-04	1.40E-04	1.30E-04	5.40E-04	5.20E-04	3.40E-04
-2122.34	995.23	3.05E-01	2.66E-01	2.44E-01	1.02E+00	9.84E-01	7.49E-01	3.81E-02	3.33E-02	3.05E-02	1.28E-01	1.23E-01	9.36E-02	2.60E-04	2.30E-04	2.10E-04	8.70E-04	8.40E-04	5.50E-04
-2734.69	227.40	2.40E-01	2.10E-01	1.93E-01	8.04E-01	7.72E-01	4.99E-01	3.89E-02	3.38E-02	3.08E-02	1.31E-01	1.26E-01	9.62E-02	3.80E-04	3.30E-04	3.00E-04	1.26E-03	1.21E-03	7.80E-04
-2371.11	-69.21	3.18E-01	2.76E-01	2.52E-01	1.07E+00	1.03E+00	7.68E-01	6.49E-02	5.66E-02	5.17E-02	2.17E-01	2.08E-01	1.34E-01	4.90E-04	4.30E-04	3.90E-04	1.65E-03	1.58E-03	9.80E-04
-2146.26	177.17	4.21E-01	3.69E-01	3.37E-01	1.41E+00	1.35E+00	8.13E-01	7.09E-02	6.21E-02	5.69E-02	2.36E-01	2.27E-01	1.43E-01	6.20E-04	5.40E-04	4.90E-04	2.07E-03	1.98E-03	1.31E-03
-1919.02	445.07	4.42E-01	3.87E-01	3.55E-01	1.48E+00	1.42E+00	9.94E-01	7.78E-02	6.75E-02	6.15E-02	2.63E-01	2.52E-01	2.06E-01	5.50E-04	4.80E-04	4.40E-04	1.86E-03	1.79E-03	1.30E-03
-1651.12	607.72	5.15E-01	4.48E-01	4.10E-01	1.74E+00	1.67E+00	1.34E+00	6.44E-02	5.60E-02	5.13E-02	2.18E-01	2.09E-01	1.67E-01	5.40E-04	4.70E-04	4.30E-04	1.80E-03	1.73E-03	1.15E-03
-3361.39	677.09	2.08E-01	1.81E-01	1.65E-01	6.95E-01	6.68E-01	4.53E-01	3.69E-02	3.22E-02	2.94E-02	1.23E-01	1.18E-01	7.50E-02	2.40E-04	2.10E-04	1.90E-04	8.00E-04	7.60E-04	5.20E-04
-3026.51	724.93	2.18E-01	1.89E-01	1.73E-01	7.31E-01	7.01E-01	5.21E-01	4.34E-02	3.78E-02	3.45E-02	1.45E-01	1.40E-01	9.69E-02	2.60E-04	2.20E-04	2.00E-04	8.60E-04	8.20E-04	5.80E-04
-1679.82	1478.41	2.51E-01	2.18E-01	1.99E-01	8.47E-01	8.13E-01	6.03E-01	3.55E-02	3.08E-02	2.82E-02	1.20E-01	1.15E-01	8.60E-02	2.60E-04	2.30E-04	2.10E-04	8.80E-04	8.40E-04	6.00E-04
-922.86	446.42	9.55E-01	8.33E-01	7.63E-01	3.21E+00	3.09E+00	2.01E+00	1.19E-01	1.04E-01	9.53E-02	4.02E-01	3.86E-01	2.51E-01	2.23E-03	1.94E-03	1.77E-03	7.54E-03	7.24E-03	5.42E-03
-1799.42	1088.51	3.54E-01	3.08E-01	2.82E-01	1.19E+00	1.15E+00	7.88E-01	4.77E-02	4.17E-02	3.82E-02	1.60E-01	1.54E-01	9.85E-02	3.50E-04	3.00E-04	2.80E-04	1.17E-03	1.12E-03	7.30E-04
-359.36	1846.44	2.04E-01	1.78E-01	1.63E-01	6.85E-01	6.59E-01	4.24E-01	3.32E-02	2.89E-02	2.65E-02	1.12E-01	1.07E-01	7.11E-02	4.40E-04	3.90E-04	3.50E-04	1.48E-03	1.43E-03	9.60E-04
671.30	-742.78	2.72E-01	2.36E-01	2.14E-01	9.07E-01	8.68E-01	7.70E-01	5.78E-02	5.03E-02	4.47E-02	1.87E-01	1.77E-01	1.70E-01	3.34E-03	2.91E-03	2.61E-03	1.10E-02	1.04E-02	8.73E-03
-1565.55	-932.22	4.95E-01	4.33E-01	3.97E-01	1.66E+00	1.59E+00	8.95E-01	6.93E-02	6.06E-02	5.54E-02	2.31E-01	2.22E-01	1.28E-01	1.22E-03	1.07E-03	9.80E-04	4.08E-03	3.92E-03	2.28E-03
-1733.02	-528.24	5.22E-01	4.57E-01	4.18E-01	1.75E+00	1.68E+00	1.04E+00	1.02E-01	8.93E-02	8.18E-02	3.39E-01	3.26E-01	1.84E-01	1.18E-03	1.03E-03	9.50E-04	3.96E-03	3.81E-03	2.33E-03
-1261.46	-507.67	9.75E-01	8.56E-01	7.85E-01	3.25E+00	3.13E+00	1.77E+00	1.83E-01	1.60E-01	1.47E-01	6.06E-01	5.84E-01	2.85E-01	3.22E-03	2.82E-03	2.58E-03	1.07E-02	1.03E-02	5.55E-03
-883.92	-503.26	2.62E+00	2.31E+00	2.13E+00	8.65E+00	8.35E+00	2.91E+00	6.24E-01	5.50E-01	5.06E-01	2.06E+00	1.99E+00	6.82E-01	1.94E-02	1.72E-02	1.58E-02	6.39E-02	6.17E-02	1.93E-02
1599.35	-1104.97	1.47E-01	1.27E-01	1.15E-01	4.86E-01	4.64E-01	3.77E-01	1.83E-02	1.59E-02	1.44E-02	6.07E-02	5.80E-02	4.72E-02	9.80E-04	8.60E-04	7.80E-04	3.25E-03	3.11E-03	2.39E-03
1608.16	-1382.63	1.50E-01	1.31E-01	1.19E-01	5.00E-01	4.79E-01	3.47E-01	1.88E-02	1.63E-02	1.49E-02	6.25E-02	5.99E-02	4.33E-02	9.10E-04	7.90E-04	7.20E-04	3.01E-03	2.89E-03	2.09E-03
3517.15	-1425.27	4.95E-02	4.34E-02	3.96E-02	1.64E-01	1.57E-01	1.05E-01	6.54E-03	5.71E-03	5.20E-03	2.18E-02	2.09E-02	1.40E-02	3.00E-04	2.60E-04	2.40E-04	1.00E-03	9.60E-04	6.90E-04
2959.77	-846.37	1.54E-01	1.34E-01	1.22E-01	5.09E-01	4.89E-01	3.22E-01	1.92E-02	1.68E-02	1.53E-02	6.37E-02	6.11E-02	4.03E-02	3.00E-04	2.70E-04	2.40E-04	1.01E-03	9.70E-04	7.00E-04
3479.67	224.81	1.01E-01	8.83E-02	8.02E-02	3.34E-01	3.20E-01	2.15E-01	1.26E-02	1.10E-02	1.00E-02	4.18E-02	4.00E-02	2.68E-02	1.80E-04	1.60E-04	1.40E-04	5.90E-04	5.70E-04	4.00E-04
44.43	1469.76	2.76E-01	2.41E-01	2.20E-01	9.27E-01	8.92E-01	5.63E-01	3.84E-02	3.35E-02	3.07E-02	1.29E-01	1.24E-01	7.81E-02	5.40E-04	4.70E-04	4.30E-04	1.81E-03	1.74E-03	1.20E-03
3044.83	-34.00	9.29E-02	8.09E-02	7.36E-02	3.11E-01	2.98E-01	2.21E-01	1.16E-02	1.01E-02	9.19E-03	3.88E-02	3.72E-02	2.76E-02	2.20E-04	1.90E-04	1.70E-04	7.30E-04	7.00E-04	4.90E-04
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	1.45E-03	1.31E-03	5.48E-03	5.24E-03	4.14E-03
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	4.90E-04	4.40E-04	1.86E-03	1.78E-03	1.36E-03
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04	7.80E-04	7.10E-04	2.97E-03	2.84E-03	2.24E-03
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	4.10E-04	3.70E-04	1.55E-03	1.48E-03	1.12E-03
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	4.40E-04	4.00E-04	1.66E-03	1.59E-03	1.24E-03
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-03	4.64E-03	4.25E-03	1.76E-02	1.69E-02	8.61E-03
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-03	3.66E-03	3.34E-03	1.38E-02	1.33E-02	7.66E-03
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04	6.70E-04	6.00E-04	2.53E-03	2.42E-03	1.84E-03
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	5.70E-04	5.20E-04	2.18E-03	2.09E-03	1.42E-03
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	3.60E-04	3.20E-04	1.35E-03	1.30E-03	8.70E-04
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	4.20E-04	3.80E-04	1.61E-03	1.54E-03	1.07E-03
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	3.20E-04	2.90E-04	1.20E-03	1.15E-03	8.20E-04
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	4.10E-04	3.70E-04	1.57E-03	1.50E-03	1.10E-03
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	1.80E-04	1.60E-04	6.80E-04	6.60E-04	4.60E-04
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	3.50E-04	3.20E-04	1.32E-03	1.27E-03	9.30E-04
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	3.00E-04	2.70E-04	1.13E-03	1.08E-03	7.90E-04
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	3.40E-04	3.10E-04	1.31E-03	1.26E-03	9.40E-04
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	2.20E-04	2.00E-04	8.50E-04	8.10E-04	5.80E-04
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	1.50E-04	1.30E-04	5.60E-04	5.40E-04	3.90E-04
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-04	4.80E-04	4.30E-04	1.81E-03	1.74E-03	1.25E-03
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	3.00E-04	2.80E-04	1.16E-03	1.11E-03	7.70E-04

Phase: 1B
Source Group: Fugitive

		Averaging Period: 1HR_1ST						Averaging Period: 8HR_1ST						Averaging Period: AN					
		PM10			VOC			PM10			VOC			PM10			VOC		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	5.75E+00	5.75E+00	5.75E+00	3.73E-01	3.73E-01	3.73E-01	9.40E-01	9.40E-01	9.40E-01	6.10E-02	6.10E-02	6.10E-02	7.84E-03	7.84E-03	7.84E-03	5.10E-04	5.10E-04	5.10E-04
-1778.03	-291.29	5.82E+00	5.82E+00	5.82E+00	3.78E-01	3.78E-01	3.78E-01	7.84E-01	7.84E-01	7.84E-01	5.09E-02	5.09E-02	5.09E-02	6.66E-03	6.66E-03	6.66E-03	4.30E-04	4.30E-04	4.30E-04
-1732.28	175.05	4.97E+00	4.97E+00	4.97E+00	3.22E-01	3.22E-01	3.22E-01	9.16E-01	9.16E-01	9.16E-01	5.94E-02	5.94E-02	5.94E-02	6.50E-03	6.50E-03	6.50E-03	4.20E-04	4.20E-04	4.20E-04
-1579.43	347.93	5.20E+00	5.20E+00	5.20E+00	3.37E-01	3.37E-01	3.37E-01	7.29E-01	7.29E-01	7.29E-01	4.73E-02	4.73E-02	4.73E-02	5.38E-03	5.38E-03	5.38E-03	3.50E-04	3.50E-04	3.50E-04
-1525.43	516.64	4.85E+00	4.85E+00	4.85E+00	3.15E-01	3.15E-01	3.15E-01	6.06E-01	6.06E-01	6.06E-01	3.93E-02	3.93E-02	3.93E-02	4.44E-03	4.44E-03	4.44E-03	2.90E-04	2.90E-04	2.90E-04
-1332.88	500.04	5.77E+00	5.77E+00	5.77E+00	3.74E-01	3.74E-01	3.74E-01	7.90E-01	7.90E-01	7.90E-01	5.12E-02	5.12E-02	5.12E-02	6.27E-03	6.27E-03	6.27E-03	4.10E-04	4.10E-04	4.10E-04
-1140.45	476.30	6.35E+00	6.35E+00	6.35E+00	4.12E-01	4.12E-01	4.12E-01	8.93E-01	8.93E-01	8.93E-01	5.80E-02	5.80E-02	5.80E-02	7.65E-03	7.65E-03	7.65E-03	5.00E-04	5.00E-04	5.00E-04
-672.12	353.55	8.37E+00	8.37E+00	8.37E+00	5.43E-01	5.43E-01	5.43E-01	1.70E+00	1.70E+00	1.70E+00	1.10E-01	1.10E-01	1.10E-01	3.71E-02	3.71E-02	3.71E-02	2.41E-03	2.41E-03	2.41E-03
-169.37	170.38	5.20E+00	5.20E+00	5.20E+00	3.37E-01	3.37E-01	3.37E-01	6.51E-01	6.51E-01	6.51E-01	4.22E-02	4.22E-02	4.22E-02	2.07E-02	2.07E-02	2.07E-02	1.34E-03	1.34E-03	1.34E-03
-75.04	299.11	4.69E+00	4.69E+00	4.69E+00	3.04E-01	3.04E-01	3.04E-01	6.00E-01	6.00E-01	6.00E-01	3.89E-02	3.89E-02	3.89E-02	1.63E-02	1.63E-02	1.63E-02	1.06E-03	1.06E-03	1.06E-03
49.15	527.20	3.18E+00	3.18E+00	3.18E+00	2.06E-01	2.06E-01	2.06E-01	4.00E-01	4.00E-01	4.00E-01	2.60E-02	2.60E-02	2.60E-02	1.07E-02	1.07E-02	1.07E-02	6.90E-04	6.90E-04	6.90E-04
144.22	648.15	2.48E+00	2.48E+00	2.48E+00	1.61E-01	1.61E-01	1.61E-01	3.13E-01	3.13E-01	3.13E-01	2.03E-02	2.03E-02	2.03E-02	8.80E-03	8.80E-03	8.80E-03	5.70E-04	5.70E-04	5.70E-04
394.15	623.31	2.55E+00	2.55E+00	2.55E+00	1.66E-01	1.66E-01	1.66E-01	3.33E-01	3.33E-01	3.33E-01	2.16E-02	2.16E-02	2.16E-02	8.84E-03	8.84E-03	8.84E-03	5.70E-04	5.70E-04	5.70E-04
501.62	717.12	2.33E+00	2.33E+00	2.33E+00	1.51E-01	1.51E-01	1.51E-01	3.08E-01	3.08E-01	3.08E-01	2.00E-02	2.00E-02	2.00E-02	7.97E-03	7.97E-03	7.97E-03	5.20E-04	5.20E-04	5.20E-04
618.47	665.12	2.32E+00	2.32E+00	2.32E+00	1.51E-01	1.51E-01	1.51E-01	3.34E-01	3.34E-01	3.34E-01	2.17E-02	2.17E-02	2.17E-02	7.79E-03	7.79E-03	7.79E-03	5.10E-04	5.10E-04	5.10E-04
755.45	579.13	2.55E+00	2.55E+00	2.55E+00	1.65E-01	1.65E-01	1.65E-01	3.47E-01	3.47E-01	3.47E-01	2.25E-02	2.25E-02	2.25E-02	7.34E-03	7.34E-03	7.34E-03	4.80E-04	4.80E-04	4.80E-04
867.79	485.41	1.71E+00	1.71E+00	1.71E+00	1.11E-01	1.11E-01	1.11E-01	2.31E-01	2.31E-01	2.31E-01	1.50E-02	1.50E-02	1.50E-02	7.30E-03	7.30E-03	7.30E-03	4.70E-04	4.70E-04	4.70E-04
955.03	377.60	1.59E+00	1.59E+00	1.59E+00	1.03E-01	1.03E-01	1.03E-01	1.98E-01	1.98E-01	1.98E-01	1.29E-02	1.29E-02	1.29E-02	8.19E-03	8.19E-03	8.19E-03	5.30E-04	5.30E-04	5.30E-04
1331.68	-165.58	3.99E+00	3.99E+00	3.99E+00	2.59E-01	2.59E-01	2.59E-01	4.99E-01	4.99E-01	4.99E-01	3.23E-02	3.23E-02	3.23E-02	6.24E-03	6.24E-03	6.24E-03	4.00E-04	4.00E-04	4.00E-04
1406.74	-290.13	4.10E+00	4.10E+00	4.10E+00	2.66E-01	2.66E-01	2.66E-01	5.12E-01	5.12E-01	5.12E-01	3.32E-02	3.32E-02	3.32E-02	6.23E-03	6.23E-03	6.23E-03	4.00E-04	4.00E-04	4.00E-04
1456.20	-436.06	5.84E+00	5.84E+00	5.84E+00	3.79E-01	3.79E-01	3.79E-01	7.31E-01	7.31E-01	7.31E-01	4.74E-02	4.74E-02	4.74E-02	7.01E-03	7.01E-03	7.01E-03	4.50E-04	4.50E-04	4.50E-04
1209.21	-528.32	4.97E+00	4.97E+00	4.97E+00	3.22E-01	3.22E-01	3.22E-01	6.21E-01	6.21E-01	6.21E-01	4.03E-02	4.03E-02	4.03E-02	1.45E-02	1.45E-02	1.45E-02	9.40E-04	9.40E-04	9.40E-04
913.01	-694.67	3.61E+00	3.61E+00	3.61E+00	2.34E-01	2.34E-01	2.34E-01	4.51E-01	4.51E-01	4.51E-01	2.93E-02	2.93E-02	2.93E-02	3.28E-02	3.28E-02	3.28E-02	2.12E-03	2.12E-03	2.12E-03
717.24	-664.22	5.22E+00	5.22E+00	5.22E+00	3.38E-01	3.38E-01	3.38E-01	1.06E+00	1.06E+00	1.06E+00	6.90E-02	6.90E-02	6.90E-02	4.53E-02	4.53E-02	4.53E-02	2.94E-03	2.94E-03	2.94E-03
544.23	-594.35	7.53E+00	7.53E+00	7.53E+00	4.89E-01	4.89E-01	4.89E-01	1.77E+00	1.77E+00	1.77E+00	1.15E-01	1.15E-01	1.15E-01	7.99E-02	7.99E-02	7.99E-02	5.18E-03	5.18E-03	5.18E-03
338.12	-539.73	9.94E+00	9.94E+00	9.94E+00	6.44E-01	6.44E-01	6.44E-01	2.19E+00	2.19E+00	2.19E+00	1.42E-01	1.42E-01	1.42E-01	1.15E-01	1.15E-01	1.15E-01	7.43E-03	7.43E-03	7.43E-03
123.44	-529.45	8.68E+00	8.68E+00	8.68E+00	5.63E-01	5.63E-01	5.63E-01	1.39E+00	1.39E+00	1.39E+00	8.99E-02	8.99E-02	8.99E-02	5.58E-02	5.58E-02	5.58E-02	3.62E-03	3.62E-03	3.62E-03
-353.26	-515.05	6.61E+00	6.61E+00	6.61E+00	4.29E-01	4.29E-01	4.29E-01	1.13E+00	1.13E+00	1.13E+00	7.32E-02	7.32E-02	7.32E-02	8.64E-02	8.64E-02	8.64E-02	5.60E-03	5.60E-03	5.60E-03
-537.68	-487.80	1.23E+01	1.23E+01	1.23E+01	8.00E-01	8.00E-01	8.00E-01	2.44E+00	2.44E+00	2.44E+00	1.58E-01	1.58E-01	1.58E-01	1.68E-01	1.68E-01	1.68E-01	1.09E-02	1.09E-02	1.09E-02
-775.51	-486.07	2.62E+01	2.62E+01	2.62E+01	1.70E+00	1.70E+00	1.70E+00	5.84E+00	5.84E+00	5.84E+00	3.78E-01	3.78E-01	3.78E-01	2.49E-01	2.49E-01	2.49E-01	1.61E-02	1.61E-02	1.61E-02
-1414.44	-481.50	6.68E+00	6.68E+00	6.68E+00	4.33E-01	4.33E-01	4.33E-01	1.24E+00	1.24E+00	1.24E+00	8.01E-02	8.01E-02	8.01E-02	1.48E-02	1.48E-02	1.48E-02	9.60E-04	9.60E-04	9.60E-04
-1515.21	-320.18	7.78E+00	7.78E+00	7.78E+00	5.04E-01	5.04E-01	5.04E-01	1.21E+00	1.21E+00	1.21E+00	7.82E-02	7.82E-02	7.82E-02	1.10E-02	1.10E-02	1.10E-02	7.10E-04	7.10E-04	7.10E-04
-1749.69	-63.90	4.32E+00	4.32E+00	4.32E+00	2.80E-01	2.80E-01	2.80E-01	9.06E-01	9.06E-01	9.06E-01	5.88E-02	5.88E-02	5.88E-02	7.28E-03	7.28E-03	7.28E-03	4.70E-04	4.70E-04	4.70E-04
-920.57	426.17	8.02E+00	8.02E+00	8.02E+00	5.20E-01	5.20E-01	5.20E-01	1.00E+00	1.00E+00	1.00E+00	6.50E-02	6.50E-02	6.50E-02	1.31E-02	1.31E-02	1.31E-02	8.50E-04	8.50E-04	8.50E-04
-420.73	233.87	4.46E+00	4.46E+00	4.46E+00	2.89E-01	2.89E-01	2.89E-01	8.40E-01	8.40E-01	8.40E-01	5.45E-02	5.45E-02	5.45E-02	4.08E-02	4.08E-02	4.08E-02	2.64E-03	2.64E-03	2.64E-03
1090.12	214.10	2.49E+00	2.49E+00	2.49E+00	1.62E-01	1.62E-01	1.62E-01	3.12E-01	3.12E-01	3.12E-01	2.02E-02	2.02E-02	2.02E-02	8.22E-03	8.22E-03	8.22E-03	5.30E-04	5.30E-04	5.30E-04
1183.39	65.17	3.06E+00	3.06E+00	3.06E+00	1.99E-01	1.99E-01	1.99E-01	3.83E-01	3.83E-01	3.83E-01	2.48E-02	2.48E-02	2.48E-02	6.34E-03	6.34E-03	6.34E-03	4.10E-04	4.10E-04	4.10E-04
1055.30	-577.42	3.23E+00	3.23E+00	3.23E+00	2.09E-01	2.09E-01	2.09E-01	4.04E-01	4.04E-01	4.04E-01	2.62E-02	2.62E-02	2.62E-02	2.66E-02	2.66E-02	2.66E-02	1.72E-03	1.72E-03	1.72E-03
-103.02	-518.78	5.90E+00	5.90E+00	5.90E+00	3.82E-01	3.82E-01	3.82E-01	1.06E+00	1.06E+00	1.06E+00	6.85E-02	6.85E-02	6.85E-02	5.12E-02	5.12E-02	5.12E-02	3.32E-03	3.32E-03	3.32E-03
-1076.39	-488.67	1.40E+01	1.40E+01	1.40E+01	9.08E-01	9.08E-01	9.08E-01	2.30E+00	2.30E+00	2.30E+00	1.49E-01	1.49E-01	1.49E-01	4.21E-02	4.21E-02	4.21E-02	2.73E-03	2.73E-03	2.73E-03
-4113.79	-1330.97	1.18E+00	1.18E+00	1.18E+00	7.68E-02	7.68E-02	7.68E-02	1.48E-01	1.48E-01	1.48E-01	9.60E-03	9.60E-03	9.60E-03	1.48E-03	1.48E-03	1.48E-03	1.00E-04	1.00E-04	1.00E-04
-5050.04	-958.41	9.49E-01	9.49E-01	9.49E-01	6.15E-02	6.15E-02	6.15E-02	1.19E-01	1.19E-01	1.19E-01	7.69E-03	7.69E-03	7.69E-03	8.30E-04	8.30E-04	8.30E-04	5.00E-05	5.00E-05	5.00E-05
-4023.97	-112.26	1.25E+00	1.25E+00	1.25E+00	8.12E-02	8.12E-02	8.12E-02	2.67E-01	2.67E-01	2.67E-01	1.73E-02	1.73E-02	1.73E-02	1.08E-03	1.08E-03	1.08E-03	7.00E-05	7.00E-05	7.00E-05
-2122.34	995.23	2.70E+00	2.70E+00	2.70E+00	1.75E-01	1.75E-01	1.75E-01	3.38E-01	3.38E-01	3.38E-01	2.19E-02	2.19E-02	2.19E-02	1.62E-03	1.62E-03	1.62E-03	1.10E-04	1.10E-04	1.10E-04
-2734.69	227.40	2.48E+00	2.48E+00	2.48E+00	1.61E-01	1.61E-01	1.61E-01	3.52E-01	3.52E-01	3.52E-01	2.28E-02	2.28E-02	2.28E-02	2.84E-03	2.84E-03	2.84E-03	1.80E-04	1.80E-04	1.80E-04
-2371.11	-69.21	2.68E+00	2.68E+00	2.68E+00	1.74E-01	1.74E-01	1.74E-01	6.39E-01	6.39E-01	6.39E-01	4.14E-02	4.14E-02	4.14E-02	3.17E-03	3.17E-03	3.17E-03	2.10E-04	2.10E-04	2.10E-04
-2146.26	177.17	3.69E+00	3.69E+00	3.69E+00	2.39E-01	2.39E-01	2.39E-01	6.00E-01	6.00E-01	6.00E-01	3.89E-02	3.89E-02	3.89E-02	4.54E-03	4.54E-03	4.54E-03	2.90E-04	2.90E-04	2.90E-04
-1919.02	445.07	3.60E+00	3.60E+00	3.60E+00	2.34E-01	2.34E-01	2.34E-01	6.23E-01	6.23E-01	6.23E-01	4.04E-02	4.04E-02	4.04E-02	3.67E-03	3.67E-03	3.67E-03	2.40E-04	2.40E-04	2.40E-04
-1651.12	607.72	4.23E+00	4.23E+00	4.23E+00	2.74E-01	2.74E-01	2.74E-01	5.28E-01	5.28E-01	5.28E-01	3.43E-02	3.43E-02	3.43E-02	3.38E-03	3.38E-03	3.38E-03	2.20E-04	2.20E-04	2.20E-04
-3361.39	677.09	2.16E+00	2.16E+00	2.16E+00	1.40E-01	1.40E-01	1.40E-01	3.65E-01	3.65E-01	3.65E-01	2.37E-02	2.37E-02	2.37E-02	1.94E-03	1.94E-03	1.94E-03	1.30E-04	1.30E-04	1.30E-04
-3026.51	724.93	2.03E+00	2.03E+00	2.03E+00	1.32E-01	1.32E-01	1.32E-01	4.27E-01	4.27E-01	4.27E-01	2.77E-02	2.77E-02	2.77E-02	1.91E-03	1.91E-03	1.91E-03	1.20E-04	1.20E-04	1.20E-04
-1679.82	1478.41	1.71E+00	1.71E+00	1.71E+00	1.11E-01	1.11E-01	1.11E-01	2.14E-01	2.14E-01	2.14E-01	1.39E-02	1.39E-02	1.39E-02	1.73E-03	1.73E-03	1.73E-03	1.10E-04	1.10E-04	1.10E-04
-922.86	446.42	7.76E+00	7.76E+00	7.76E+00	5.03E-01	5.03E-01	5.03E-01	9.71E-01	9.71E-01	9.71E-01	6.29E-02	6.29E-02	6.29E-02	1.22E-02	1.22E-02	1.22E-02	7.90E-04	7.90E-04	7.90E-04
-1799.42	1088.51	2.91E+00	2.91E+00	2.91E+00	1.89E-01	1.89E-01	1.89E-01	4.08E-01	4.08E-01	4.08E-01	2.65E-02	2.65E-02	2.65E-02	2.64E-03	2.64E-03	2.64E-03	1.70E-04	1.70E-04	1.70E-04
-359.36	1846.44	1.50E+00	1.50E+00	1.50E+00	9.74E-02	9.74E-02	9.74E-02	1.97E-01	1.97E-01	1.97E-01	1.28E-02	1.28E-02	1.28E-02	2.89E-03	2.89E-03	2.89E-03	1.90E-04	1.90E-04	1.90E-04
671.30	-742.78	5.07E+00	5.07E+00	5.07E+00	3.29E-01	3.29E-01	3.29E-01	9.68E-01	9.68E-01	9.68E-01	6.28E-02	6.28E-02	6.28E-02	3.61E-02	3.61E-02	3.61E-02	2.34E-03	2.34E-03	2.34E-03
-1565.55	-932.22	4.56E+00	4.56E+00	4.56E+00	2.96E-01	2.96E-01	2.96E-01	6.60E-01	6.60E-01	6.60E-01	4.28E-02	4.28E-02	4.28E-02	8.46E-03	8.46E-03	8.46E-03	5.50E-04	5.50E-04	5.50E-04
-1733.02	-528.24	4.78E+00	4.78E+00	4.78E+00	3.10E-01	3.10E-01	3.10E-01	7.98E-01	7.98E-01	7.98E-01	5.18E-02	5.18E-02	5.18E-02	8.08E-03	8.08E-03	8.08E-03	5.20E-04	5.20E-04	5.20E-04
-1261.46	-507.67	8.65E+00	8.65E+00	8.65E+00	5.61E-01	5.61E-01	5.61E-01	1.56E+00	1.56E+00	1.56E+00	1.01E-01	1.01E-01	1.01E-01	2.14E-02	2.14E-02	2.14E-02	1.39E-03	1.39E-03	1.39E-03
-883.92	-503.26	2.28E+01	2.28E+01	2.28E+01	1.48E+00	1.48E+00	1.48E+00	5.39E+00	5.39E+00	5.39E+00	3.50E-01	3.50E-01	3.50E-01	1.39E-01	1.39E-01	1.39E-01	9.02E-03	9.02E-03	9.02E-03
1599.35	-1104.97	1.76E+00	1.76E+00	1.76E+00	1.14E-01	1.14E-01	1.14E-01	2.19E-01	2.19E-01	2.19E-01	1.42E-02	1.42E-02	1.42E-02	9.70E-03	9.70E-03	9.70E-03	6.30E-04	6.30E-04	6.30E-04
1608.16	-1382.63	1.38E+00	1.38E+00	1.38E+00	8.95E-02	8.95E-02	8.95E-02	1.76E-01	1.76E-01	1.76E-01	1.14E-02	1.14E-02	1.14E-02	8.29E-03	8.29E-03	8.29E-03	5.40E-04	5.40E-04	5.40E-04
3517.15	-1425.27	5.42E-01	5.42E-01	5.42E-01	3.51E-02	3.51E-02	3.51E-02	6.77E-02	6.77E-02	6.77E-02	4.39E-03	4.39E-03	4.39E-03	2.42E-03	2.42E-03	2.42E-03	1.60E-04	1.60E-04	1.60E-04
2959.77	-846.37	1.69E+00	1.69E+00	1.69E+00	1.10E-01	1.10E-01	1.10E-01	2.11E-01	2.11E-01	2.11E-01	1.37E-02	1.37E-02	1.37E-02	2.51E-03	2.51E-03	2.51E-03	1.60E-04	1.60E-04	1.60E-04
3479.67	224.81	1.21E+00	1.21E+00	1.21E+00	7.85E-02	7.85E-02	7.85E-02	1.51E-01	1.51E-01	1.51E-01	9.81E-03	9.81E-03	9.81E-03	1.49E-03	1.49E-03	1.49E-03	1.00E-04	1.00E-04	1.00E-04
44.43	1469.76	2.41E+00	2.41E+00	2.41E+00	1.57E-01	1.57E-01	1.57E-01	3.34E-01	3.34E-01	3.34E-01	2.17E-02	2.17E-02	2.17E-02	3.68E-03	3.68E-03	3.68E-03	2.40E-04	2.40E-04	2.40E-04
3044.83	-34.00	8.10E-01	8.10E-01	8.10E-01	5.25E-02	5.25E-02	5.25E-02	1.01E-01	1.01E-01	1.01E-01	6.57E-03	6.57E-03	6.57E-03	1.81E-03	1.81E-03	1.81E-03	1.20E-04	1.20E-04	1.20E-04
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02	1.68E-02	1.68E-02	1.09E-03	1.09E-03	1.09E-03
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	5.13E-03	5.13E-03	3.30E-04	3.30E-04	3.30E-04
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-03	9.22E-03	9.22E-03	6.00E-04	6.00E-04	6.00E-04
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	4.13E-03	4.13E-03	2.70E-04	2.70E-04	2.70E-04
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-03	4.84E-03	4.84E-03	3.10E-04	3.10E-04	3.10E-04
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-02	3.60E-02	3.60E-02	2.33E-03	2.33E-03	2.33E-03
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-02	3.25E-02	3.25E-02	2.11E-03	2.11E-03	2.11E-03
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-03	7.38E-03	7.38E-03	4.80E-04	4.80E-04	4.80E-04
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-03	5.32E-03	5.32E-03	3.40E-04	3.40E-04	3.40E-04
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	3.21E-03	3.21E-03	2.10E-04	2.10E-04	2.10E-04
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	4.07E-03	4.07E-03	2.60E-04	2.60E-04	2.60E-04
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	3.16E-03	3.16E-03	2.00E-04	2.00E-04	2.00E-04
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	4.22E-03	4.22E-03	2.70E-04	2.70E-04	2.70E-04
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	1.69E-03	1.69E-03	1.10E-04	1.10E-04	1.10E-04
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	3.27E-03	3.27E-03	2.10E-04	2.10E-04	2.10E-04
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	2.94E-03	2.94E-03	1.90E-04	1.90E-04	1.90E-04
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-03	3.39E-03	3.39E-03	2.20E-04	2.20E-04	2.20E-04
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	2.12E-03	2.12E-03	1.40E-04	1.40E-04	1.40E-04
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	1.46E-03	1.46E-03	9.00E-05	9.00E-05	9.00E-05
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	5.02E-03	5.02E-03	3.30E-04	3.30E-04	3.30E-04
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	2.95E-03	2.95E-03	1.90E-04	1.90E-04	1.90E-04

Phase: 1B
Source Group: Gasoline Exhaust

		Averaging Period: 1HR_1ST						Averaging Period: 8HR_1ST						Averaging Period: AN					
		PM10			VOC			PM10			VOC			PM10			VOC		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	2.70E-04	2.60E-04	2.50E-04	1.25E-03	1.10E-03	1.07E-03	5.00E-05	5.00E-05	5.00E-05	2.30E-04	2.10E-04	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1778.03	-291.29	2.80E-04	2.60E-04	2.50E-04	1.26E-03	1.11E-03	1.09E-03	5.00E-05	4.00E-05	4.00E-05	2.10E-04	1.80E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1732.28	175.05	3.70E-04	3.40E-04	3.20E-04	1.64E-03	1.44E-03	1.33E-03	6.00E-05	5.00E-05	5.00E-05	2.70E-04	2.30E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1579.43	347.93	3.20E-04	3.10E-04	2.90E-04	1.48E-03	1.31E-03	1.25E-03	6.00E-05	6.00E-05	5.00E-05	2.70E-04	2.40E-04	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1525.43	516.64	3.50E-04	3.30E-04	3.20E-04	1.60E-03	1.41E-03	1.27E-03	4.00E-05	4.00E-05	4.00E-05	2.00E-04	1.80E-04	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1332.88	500.04	4.00E-04	3.90E-04	3.70E-04	1.87E-03	1.65E-03	1.53E-03	5.00E-05	5.00E-05	5.00E-05	2.30E-04	2.10E-04	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1140.45	476.30	5.10E-04	5.00E-04	4.80E-04	2.40E-03	2.12E-03	1.93E-03	7.00E-05	7.00E-05	7.00E-05	3.40E-04	3.00E-04	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-672.12	353.55	5.20E-04	5.00E-04	4.80E-04	2.42E-03	2.14E-03	2.04E-03	1.20E-04	1.10E-04	1.10E-04	5.50E-04	4.80E-04	4.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-169.37	170.38	2.90E-04	2.60E-04	2.50E-04	1.26E-03	1.11E-03	9.90E-04	4.00E-05	3.00E-05	3.00E-05	1.60E-04	1.40E-04	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00
-75.04	299.11	2.60E-04	2.40E-04	2.30E-04	1.17E-03	1.03E-03	1.01E-03	4.00E-05	3.00E-05	3.00E-05	1.50E-04	1.30E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49.15	527.20	2.20E-04	2.10E-04	2.00E-04	1.02E-03	9.00E-04	8.40E-04	3.00E-05	3.00E-05	3.00E-05	1.30E-04	1.10E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144.22	648.15	1.80E-04	1.70E-04	1.70E-04	8.40E-04	7.40E-04	6.90E-04	2.00E-05	2.00E-05	2.00E-05	1.10E-04	9.00E-05	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394.15	623.31	1.30E-04	1.30E-04	1.20E-04	6.10E-04	5.40E-04	5.30E-04	2.00E-05	2.00E-05	2.00E-05	8.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501.62	717.12	1.20E-04	1.20E-04	1.10E-04	5.70E-04	5.00E-04	4.90E-04	2.00E-05	1.00E-05	1.00E-05	7.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618.47	665.12	1.50E-04	1.00E-04	1.00E-04	5.10E-04	4.50E-04	4.00E-04	2.00E-05	2.00E-05	1.00E-05	7.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755.45	579.13	1.60E-04	1.20E-04	1.10E-04	5.60E-04	4.90E-04	4.40E-04	2.00E-05	2.00E-05	2.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867.79	485.41	1.10E-04	8.00E-05	8.00E-05	3.80E-04	3.40E-04	3.00E-04	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955.03	377.60	1.30E-04	1.20E-04	1.20E-04	6.00E-04	5.30E-04	4.80E-04	2.00E-05	2.00E-05	1.00E-05	7.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331.68	-165.58	2.30E-04	1.70E-04	1.60E-04	8.20E-04	7.20E-04	6.70E-04	3.00E-05	2.00E-05	2.00E-05	1.00E-04	9.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406.74	-290.13	2.70E-04	2.30E-04	2.20E-04	1.12E-03	9.80E-04	8.90E-04	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.20E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456.20	-436.06	3.50E-04	2.90E-04	2.70E-04	1.38E-03	1.22E-03	1.12E-03	4.00E-05	4.00E-05	3.00E-05	1.70E-04	1.50E-04	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209.21	-528.32	2.80E-04	2.30E-04	2.20E-04	1.11E-03	9.80E-04	9.30E-04	4.00E-05	3.00E-05	3.00E-05	1.40E-04	1.20E-04	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913.01	-694.67	2.40E-04	1.80E-04	1.70E-04	8.70E-04	7.70E-04	6.80E-04	3.00E-05	2.00E-05	2.00E-05	1.10E-04	1.00E-04	9.00E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
717.24	-664.22	3.30E-04	2.40E-04	2.30E-04	1.15E-03	1.01E-03	9.00E-04	7.00E-05	5.00E-05	5.00E-05	2.40E-04	2.10E-04	1.80E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
544.23	-594.35	4.80E-04	3.40E-04	3.30E-04	1.67E-03	1.47E-03	1.30E-03	1.10E-04	8.00E-05	8.00E-05	3.90E-04	3.50E-04	3.10E-04	1.00E-05	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
338.12	-539.73	6.40E-04	4.60E-04	4.40E-04	2.21E-03	1.95E-03	1.73E-03	1.40E-04	1.00E-04	1.00E-04	4.90E-04	4.30E-04	3.80E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05
123.44	-529.45	5.60E-04	4.00E-04	3.80E-04	1.92E-03	1.70E-03	1.51E-03	9.00E-05	6.00E-05	6.00E-05	3.10E-04	2.80E-04	2.40E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-353.26	-515.05	4.90E-04	4.70E-04	4.50E-04	2.29E-03	2.02E-03	1.85E-03	1.00E-04	9.00E-05	9.00E-05	4.50E-04	4.00E-04	3.60E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
-537.68	-487.80	6.40E-04	6.20E-04	5.90E-04	2.98E-03	2.63E-03	2.50E-03	1.50E-04	1.50E-04	1.40E-04	7.00E-04	6.20E-04	5.70E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05
-775.51	-486.07	9.50E-04	9.10E-04	8.80E-04	4.42E-03	3.90E-03	4.17E-03	1.90E-04	1.80E-04	1.70E-04	8.70E-04	7.70E-04	8.60E-04	1.00E-05	1.00E-05	1.00E-05	4.00E-05	3.00E-05	4.00E-05
-1414.44	-481.50	3.30E-04	3.20E-04	3.10E-04	1.55E-03	1.36E-03	1.31E-03	6.00E-05	6.00E-05	6.00E-05	2.80E-04	2.50E-04	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1515.21	-320.18	3.40E-04	3.20E-04	3.10E-04	1.57E-03	1.39E-03	1.31E-03	7.00E-05	6.00E-05	6.00E-05	3.10E-04	2.80E-04	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1749.69	-63.90	3.10E-04	2.90E-04	2.80E-04	1.40E-03	1.23E-03	1.11E-03	6.00E-05	6.00E-05	5.00E-05	2.80E-04	2.40E-04	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-920.57	426.17	4.50E-04	4.30E-04	4.20E-04	2.09E-03	1.85E-03	1.79E-03	6.00E-05	5.00E-05	5.00E-05	2.60E-04	2.30E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-420.73	233.87	3.80E-04	3.60E-04	3.50E-04	1.75E-03	1.55E-03	1.39E-03	6.00E-05	5.00E-05	5.00E-05	2.60E-04	2.30E-04	2.10E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1090.12	214.10	1.50E-04	1.50E-04	1.40E-04	7.10E-04	6.30E-04	6.00E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183.39	65.17	1.70E-04	1.50E-04	1.40E-04	7.10E-04	6.20E-04	6.00E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055.30	-577.42	1.70E-04	1.40E-04	1.30E-04	6.70E-04	5.90E-04	5.90E-04	2.00E-05	2.00E-05	2.00E-05	8.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	0.00E+00
-103.02	-518.78	3.70E-04	2.90E-04	2.80E-04	1.42E-03	1.25E-03	1.17E-03	7.00E-05	5.00E-05	5.00E-05	2.30E-04	2.00E-04	1.80E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-1076.39	-488.67	5.90E-04	5.70E-04	5.50E-04	2.78E-03	2.45E-03	2.49E-03	9.00E-05	9.00E-05	8.00E-05	4.20E-04	3.70E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-4113.79	-1330.97	7.00E-05	6.00E-05	6.00E-05	3.00E-04	2.60E-04	2.50E-04	1.00E-05	1.00E-05	1.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	6.00E-05	5.00E-05	5.00E-05	2.60E-04	2.30E-04	2.10E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	8.00E-05	8.00E-05	7.00E-05	3.70E-04	3.20E-04	3.00E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	1.70E-04	1.60E-04	1.50E-04	7.60E-04	6.70E-04	6.00E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2734.69	227.40	1.50E-04	1.30E-04	1.30E-04	6.30E-04	5.60E-04	5.30E-04	2.00E-05	2.00E-05	2.00E-05	1.00E-04	9.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2371.11	-69.21	1.80E-04	1.70E-04	1.60E-04	8.10E-04	7.10E-04	6.50E-04	4.00E-05	3.00E-05	3.00E-05	1.60E-04	1.40E-04	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2146.26	177.17	2.20E-04	2.00E-04	2.00E-04	9.80E-04	8.70E-04	8.00E-04	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.20E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1919.02	445.07	2.20E-04	2.00E-04	1.90E-04	9.50E-04	8.40E-04	7.60E-04	5.00E-05	5.00E-05	4.00E-05	2.20E-04	1.90E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1651.12	607.72	3.00E-04	2.80E-04	2.70E-04	1.35E-03	1.19E-03	1.07E-03	4.00E-05	3.00E-05	3.00E-05	1.70E-04	1.50E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3361.39	677.09	1.30E-04	1.20E-04	1.20E-04	5.80E-04	5.20E-04	4.80E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3026.51	724.93	1.50E-04	1.30E-04	1.20E-04	6.30E-04	5.50E-04	5.10E-04	3.00E-05	3.00E-05	2.00E-05	1.20E-04	1.10E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1679.82	1478.41	1.30E-04	1.30E-04	1.20E-04	6.10E-04	5.40E-04	4.90E-04	2.00E-05	2.00E-05	2.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-922.86	446.42	4.30E-04	4.20E-04	4.00E-04	2.03E-03	1.79E-03	1.73E-03	5.00E-05	5.00E-05	5.00E-05	2.50E-04	2.20E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1799.42	1088.51	1.90E-04	1.90E-04	1.80E-04	9.10E-04	8.00E-04	7.50E-04	2.00E-05	2.00E-05	2.00E-05	1.10E-04	1.00E-04	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-359.36	1846.44	9.00E-05	9.00E-05	9.00E-05	4.30E-04	3.80E-04	3.60E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671.30	-742.78	3.20E-04	2.30E-04	2.20E-04	1.11E-03	9.80E-04	8.70E-04	6.00E-05	4.00E-05	4.00E-05	2.20E-04	1.90E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-1565.55	-932.22	2.40E-04	2.30E-04	2.20E-04	1.11E-03	9.80E-04	9.60E-04	4.00E-05	3.00E-05	3.00E-05	1.60E-04	1.40E-04	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1733.02	-528.24	2.50E-04	2.40E-04	2.30E-04	1.15E-03	1.01E-03	9.60E-04	4.00E-05	4.00E-05	4.00E-05	1.90E-04	1.70E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1261.46	-507.67	4.00E-04	3.90E-04	3.70E-04	1.88E-03	1.66E-03	1.61E-03	7.00E-05	6.00E-05	6.00E-05	3.10E-04	2.70E-04	2.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00
-883.92	-503.26	8.40E-04	8.10E-04	7.80E-04	3.94E-03	3.48E-03	3.73E-03	2.00E-04	1.90E-04	1.90E-04	9.40E-04	8.30E-04	8.90E-04	1.00E-05	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
1599.35	-1104.97	1.20E-04	9.00E-05	9.00E-05	4.60E-04	4.00E-04	3.60E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608.16	-1382.63	9.00E-05	8.00E-05	8.00E-05	4.00E-04	3.50E-04	3.30E-04	1.00E-05	1.00E-05	1.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517.15	-1425.27	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.20E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959.77	-846.37	9.00E-05	8.00E-05	8.00E-05	3.80E-04	3.30E-04	3.20E-04	1.00E-05	1.00E-05	1.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479.67	224.81	7.00E-05	5.00E-05	5.00E-05	2.60E-04	2.30E-04	2.20E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	1.30E-04	1.30E-04	1.20E-04	6.30E-04	5.60E-04	5.40E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044.83	-34.00	5.00E-05	4.00E-05	4.00E-05	2.10E-04	1.90E-04	1.70E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Phase: 1B
Source Group: Tire Wear / Brake Wear (TB)

		Averaging Period: 1HR_1ST			Averaging Period: 8HR_1ST			Averaging Period: AN		
		PM10			PM10			PM10		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	3.41E-02	3.41E-02	3.41E-02	5.47E-03	5.47E-03	5.47E-03	5.00E-05	5.00E-05	5.00E-05
-1778.03	-291.29	3.40E-02	3.40E-02	3.40E-02	4.71E-03	4.71E-03	4.71E-03	4.00E-05	4.00E-05	4.00E-05
-1732.28	175.05	2.67E-02	2.67E-02	2.67E-02	5.25E-03	5.25E-03	5.25E-03	4.00E-05	4.00E-05	4.00E-05
-1579.43	347.93	3.16E-02	3.16E-02	3.16E-02	3.94E-03	3.94E-03	3.94E-03	3.00E-05	3.00E-05	3.00E-05
-1525.43	516.64	2.93E-02	2.93E-02	2.93E-02	3.67E-03	3.67E-03	3.67E-03	3.00E-05	3.00E-05	3.00E-05
-1332.88	500.04	3.54E-02	3.54E-02	3.54E-02	5.01E-03	5.01E-03	5.01E-03	4.00E-05	4.00E-05	4.00E-05
-1140.45	476.30	3.63E-02	3.63E-02	3.63E-02	5.09E-03	5.09E-03	5.09E-03	4.00E-05	4.00E-05	4.00E-05
-672.12	353.55	5.09E-02	5.09E-02	5.09E-02	1.01E-02	1.01E-02	1.01E-02	2.10E-04	2.10E-04	2.10E-04
-169.37	170.38	3.31E-02	3.31E-02	3.31E-02	4.15E-03	4.15E-03	4.15E-03	1.20E-04	1.20E-04	1.20E-04
-75.04	299.11	2.92E-02	2.92E-02	2.92E-02	3.65E-03	3.65E-03	3.65E-03	9.00E-05	9.00E-05	9.00E-05
49.15	527.20	1.88E-02	1.88E-02	1.88E-02	2.38E-03	2.38E-03	2.38E-03	6.00E-05	6.00E-05	6.00E-05
144.22	648.15	1.45E-02	1.45E-02	1.45E-02	1.84E-03	1.84E-03	1.84E-03	5.00E-05	5.00E-05	5.00E-05
394.15	623.31	1.60E-02	1.60E-02	1.60E-02	2.00E-03	2.00E-03	2.00E-03	4.00E-05	4.00E-05	4.00E-05
501.62	717.12	1.45E-02	1.45E-02	1.45E-02	1.82E-03	1.82E-03	1.82E-03	4.00E-05	4.00E-05	4.00E-05
618.47	665.12	9.58E-03	9.58E-03	9.58E-03	1.20E-03	1.20E-03	1.20E-03	4.00E-05	4.00E-05	4.00E-05
755.45	579.13	8.99E-03	8.99E-03	8.99E-03	1.22E-03	1.22E-03	1.22E-03	3.00E-05	3.00E-05	3.00E-05
867.79	485.41	6.03E-03	6.03E-03	6.03E-03	8.10E-04	8.10E-04	8.10E-04	3.00E-05	3.00E-05	3.00E-05
955.03	377.60	9.09E-03	9.09E-03	9.09E-03	1.14E-03	1.14E-03	1.14E-03	3.00E-05	3.00E-05	3.00E-05
1331.68	-165.58	1.61E-02	1.61E-02	1.61E-02	2.01E-03	2.01E-03	2.01E-03	3.00E-05	3.00E-05	3.00E-05
1406.74	-290.13	1.89E-02	1.89E-02	1.89E-02	2.36E-03	2.36E-03	2.36E-03	3.00E-05	3.00E-05	3.00E-05
1456.20	-436.06	2.65E-02	2.65E-02	2.65E-02	3.31E-03	3.31E-03	3.31E-03	3.00E-05	3.00E-05	3.00E-05
1209.21	-528.32	2.44E-02	2.44E-02	2.44E-02	3.05E-03	3.05E-03	3.05E-03	6.00E-05	6.00E-05	6.00E-05
913.01	-694.67	1.32E-02	1.32E-02	1.32E-02	1.65E-03	1.65E-03	1.65E-03	1.30E-04	1.30E-04	1.30E-04
717.24	-664.22	1.84E-02	1.84E-02	1.84E-02	3.75E-03	3.75E-03	3.75E-03	1.80E-04	1.80E-04	1.80E-04
544.23	-594.35	2.66E-02	2.66E-02	2.66E-02	6.24E-03	6.24E-03	6.24E-03	3.00E-04	3.00E-04	3.00E-04
338.12	-539.73	3.50E-02	3.50E-02	3.50E-02	7.71E-03	7.71E-03	7.71E-03	4.40E-04	4.40E-04	4.40E-04
123.44	-529.45	3.06E-02	3.06E-02	3.06E-02	4.89E-03	4.89E-03	4.89E-03	2.50E-04	2.50E-04	2.50E-04
-353.26	-515.05	4.36E-02	4.36E-02	4.36E-02	6.39E-03	6.39E-03	6.39E-03	5.30E-04	5.30E-04	5.30E-04
-537.68	-487.80	8.17E-02	8.17E-02	8.17E-02	1.53E-02	1.53E-02	1.53E-02	1.08E-03	1.08E-03	1.08E-03
-775.51	-486.07	1.71E-01	1.71E-01	1.71E-01	3.86E-02	3.86E-02	3.86E-02	1.63E-03	1.63E-03	1.63E-03
-1414.44	-481.50	4.27E-02	4.27E-02	4.27E-02	7.49E-03	7.49E-03	7.49E-03	9.00E-05	9.00E-05	9.00E-05
-1515.21	-320.18	4.70E-02	4.70E-02	4.70E-02	7.08E-03	7.08E-03	7.08E-03	6.00E-05	6.00E-05	6.00E-05
-1749.69	-63.90	2.63E-02	2.63E-02	2.63E-02	4.88E-03	4.88E-03	4.88E-03	4.00E-05	4.00E-05	4.00E-05
-920.57	426.17	4.95E-02	4.95E-02	4.95E-02	6.19E-03	6.19E-03	6.19E-03	8.00E-05	8.00E-05	8.00E-05
-420.73	233.87	2.70E-02	2.70E-02	2.70E-02	5.09E-03	5.09E-03	5.09E-03	2.30E-04	2.30E-04	2.30E-04
1090.12	214.10	1.50E-02	1.50E-02	1.50E-02	1.87E-03	1.87E-03	1.87E-03	3.00E-05	3.00E-05	3.00E-05
1183.39	65.17	1.68E-02	1.68E-02	1.68E-02	2.09E-03	2.09E-03	2.09E-03	3.00E-05	3.00E-05	3.00E-05
1055.30	-577.42	1.80E-02	1.80E-02	1.80E-02	2.26E-03	2.26E-03	2.26E-03	1.00E-04	1.00E-04	1.00E-04
-103.02	-518.78	2.47E-02	2.47E-02	2.47E-02	3.73E-03	3.73E-03	3.73E-03	2.80E-04	2.80E-04	2.80E-04
-1076.39	-488.67	9.22E-02	9.22E-02	9.22E-02	1.51E-02	1.51E-02	1.51E-02	2.60E-04	2.60E-04	2.60E-04
-4113.79	-1330.97	6.83E-03	6.83E-03	6.83E-03	8.50E-04	8.50E-04	8.50E-04	1.00E-05	1.00E-05	1.00E-05
-5050.04	-958.41	5.36E-03	5.36E-03	5.36E-03	6.70E-04	6.70E-04	6.70E-04	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	6.86E-03	6.86E-03	6.86E-03	1.48E-03	1.48E-03	1.48E-03	1.00E-05	1.00E-05	1.00E-05
-2122.34	995.23	1.66E-02	1.66E-02	1.66E-02	2.08E-03	2.08E-03	2.08E-03	1.00E-05	1.00E-05	1.00E-05
-2734.69	227.40	1.38E-02	1.38E-02	1.38E-02	1.93E-03	1.93E-03	1.93E-03	2.00E-05	2.00E-05	2.00E-05
-2371.11	-69.21	1.51E-02	1.51E-02	1.51E-02	3.54E-03	3.54E-03	3.54E-03	2.00E-05	2.00E-05	2.00E-05
-2146.26	177.17	2.21E-02	2.21E-02	2.21E-02	3.76E-03	3.76E-03	3.76E-03	3.00E-05	3.00E-05	3.00E-05
-1919.02	445.07	2.32E-02	2.32E-02	2.32E-02	3.06E-03	3.06E-03	3.06E-03	2.00E-05	2.00E-05	2.00E-05
-1651.12	607.72	2.58E-02	2.58E-02	2.58E-02	3.23E-03	3.23E-03	3.23E-03	2.00E-05	2.00E-05	2.00E-05
-3361.39	677.09	1.17E-02	1.17E-02	1.17E-02	2.10E-03	2.10E-03	2.10E-03	1.00E-05	1.00E-05	1.00E-05
-3026.51	724.93	1.02E-02	1.02E-02	1.02E-02	2.29E-03	2.29E-03	2.29E-03	1.00E-05	1.00E-05	1.00E-05
-1679.82	1478.41	9.91E-03	9.91E-03	9.91E-03	1.24E-03	1.24E-03	1.24E-03	1.00E-05	1.00E-05	1.00E-05
-922.86	446.42	4.79E-02	4.79E-02	4.79E-02	5.99E-03	5.99E-03	5.99E-03	7.00E-05	7.00E-05	7.00E-05
-1799.42	1088.51	1.81E-02	1.81E-02	1.81E-02	2.58E-03	2.58E-03	2.58E-03	2.00E-05	2.00E-05	2.00E-05
-359.36	1846.44	9.15E-03	9.15E-03	9.15E-03	1.19E-03	1.19E-03	1.19E-03	2.00E-05	2.00E-05	2.00E-05
671.30	-742.78	1.79E-02	1.79E-02	1.79E-02	3.42E-03	3.42E-03	3.42E-03	1.50E-04	1.50E-04	1.50E-04
-1565.55	-932.22	2.88E-02	2.88E-02	2.88E-02	3.86E-03	3.86E-03	3.86E-03	5.00E-05	5.00E-05	5.00E-05
-1733.02	-528.24	2.94E-02	2.94E-02	2.94E-02	4.62E-03	4.62E-03	4.62E-03	5.00E-05	5.00E-05	5.00E-05
-1261.46	-507.67	5.65E-02	5.65E-02	5.65E-02	1.01E-02	1.01E-02	1.01E-02	1.30E-04	1.30E-04	1.30E-04
-883.92	-503.26	1.48E-01	1.48E-01	1.48E-01	3.51E-02	3.51E-02	3.51E-02	9.00E-04	9.00E-04	9.00E-04
1599.35	-1104.97	7.11E-03	7.11E-03	7.11E-03	8.90E-04	8.90E-04	8.90E-04	4.00E-05	4.00E-05	4.00E-05
1608.16	-1382.63	7.18E-03	7.18E-03	7.18E-03	9.00E-04	9.00E-04	9.00E-04	4.00E-05	4.00E-05	4.00E-05
3517.15	-1425.27	2.63E-03	2.63E-03	2.63E-03	3.40E-04	3.40E-04	3.40E-04	1.00E-05	1.00E-05	1.00E-05
2959.77	-846.37	8.83E-03	8.83E-03	8.83E-03	1.10E-03	1.10E-03	1.10E-03	1.00E-05	1.00E-05	1.00E-05
3479.67	224.81	5.68E-03	5.68E-03	5.68E-03	7.10E-04	7.10E-04	7.10E-04	1.00E-05	1.00E-05	1.00E-05
44.43	1469.76	1.49E-02	1.49E-02	1.49E-02	2.06E-03	2.06E-03	2.06E-03	2.00E-05	2.00E-05	2.00E-05
3044.83	-34.00	3.58E-03	3.58E-03	3.58E-03	4.60E-04	4.60E-04	4.60E-04	1.00E-05	1.00E-05	1.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	7.00E-05	7.00E-05
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	4.00E-05	4.00E-05
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	2.10E-04	2.10E-04
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	1.80E-04	1.80E-04
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05

Phase: 2A
Source Group: Diesel Exhaust

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030
-1710.89	-383.91	3.20E+00	3.00E+00	3.03E+00	2.88E+00	1.12E+01	1.10E+01	1.10E+01	1.09E+01	6.76E-01	6.34E-01	6.39E-01	6.09E-01	2.37E+00	2.33E+00	2.33E+00	2.29E+00	3.09E-02	2.89E-02	2.92E-02	2.78E-02	1.09E-01	1.07E-01	1.06E-01	1.05E-01
-1778.03	-291.29	4.66E+00	4.37E+00	4.41E+00	4.20E+00	1.64E+01	1.61E+01	1.61E+01	1.58E+01	1.07E+00	1.01E+00	1.02E+00	9.67E-01	3.77E+00	3.71E+00	3.70E+00	3.65E+00	4.27E-02	4.00E-02	4.04E-02	3.84E-02	1.50E-01	1.47E-01	1.47E-01	1.45E-01
-1732.28	175.05	2.91E+00	2.73E+00	2.76E+00	2.62E+00	1.02E+01	1.01E+01	1.00E+01	9.89E+00	3.87E-01	3.63E-01	3.66E-01	3.48E-01	1.36E+00	1.34E+00	1.33E+00	1.31E+00	1.61E-02	1.51E-02	1.52E-02	1.45E-02	5.66E-02	5.57E-02	5.55E-02	5.47E-02
-1579.43	347.93	1.43E+00	1.34E+00	1.36E+00	1.29E+00	5.03E+00	4.95E+00	4.94E+00	4.87E+00	2.88E-01	2.70E-01	2.73E-01	2.60E-01	1.01E+00	9.95E-01	9.93E-01	9.79E-01	7.64E-03	7.17E-03	7.24E-03	6.89E-03	2.70E-02	2.65E-02	2.65E-02	2.61E-02
-1525.43	516.64	9.40E-01	8.82E-01	8.90E-01	8.47E-01	3.30E+00	3.25E+00	3.24E+00	3.19E+00	1.73E-01	1.62E-01	1.64E-01	1.56E-01	6.07E-01	5.97E-01	5.95E-01	5.87E-01	3.65E-03	3.42E-03	3.46E-03	3.29E-03	1.29E-02	1.27E-02	1.27E-02	1.25E-02
-1332.88	500.04	7.71E-01	7.23E-01	7.30E-01	6.95E-01	2.71E+00	2.66E+00	2.66E+00	2.62E+00	1.06E-01	9.90E-02	9.98E-02	9.50E-02	3.70E-01	3.64E-01	3.63E-01	3.58E-01	3.28E-03	3.08E-03	3.11E-03	2.96E-03	1.16E-02	1.15E-02	1.14E-02	1.13E-02
-1140.45	476.30	3.98E-01	3.74E-01	3.77E-01	3.59E-01	1.40E+00	1.38E+00	1.37E+00	1.35E+00	5.63E-02	5.28E-02	5.33E-02	5.07E-02	1.98E-01	1.94E-01	1.94E-01	1.91E-01	2.64E-03	2.48E-03	2.51E-03	2.39E-03	9.46E-03	9.31E-03	9.30E-03	9.18E-03
-672.12	353.55	4.51E-01	4.32E-01	4.42E-01	4.23E-01	1.82E+00	1.81E+00	1.82E+00	1.80E+00	8.36E-02	8.00E-02	8.19E-02	7.84E-02	3.38E-01	3.35E-01	3.37E-01	3.34E-01	2.69E-03	2.56E-03	2.61E-03	2.50E-03	1.04E-02	1.03E-02	1.04E-02	1.02E-02
-169.37	170.38	5.08E-01	4.79E-01	4.86E-01	4.64E-01	1.88E+00	1.85E+00	1.85E+00	1.83E+00	6.35E-02	5.99E-02	6.08E-02	5.80E-02	2.35E-01	2.31E-01	2.32E-01	2.29E-01	1.18E-03	1.12E-03	1.14E-03	1.09E-03	4.53E-03	4.47E-03	4.49E-03	4.43E-03
-75.04	299.11	3.47E-01	3.27E-01	3.31E-01	3.15E-01	1.26E+00	1.24E+00	1.24E+00	1.22E+00	4.34E-02	4.09E-02	4.14E-02	3.94E-02	1.57E-01	1.55E-01	1.55E-01	1.53E-01	9.20E-04	8.70E-04	8.90E-04	8.50E-04	3.52E-03	3.47E-03	3.49E-03	3.44E-03
49.15	527.20	1.77E-01	1.68E-01	1.72E-01	1.64E-01	6.95E-01	6.87E-01	6.91E-01	6.83E-01	2.23E-02	2.12E-02	2.17E-02	2.07E-02	8.76E-02	8.66E-02	8.70E-02	8.61E-02	6.90E-04	6.50E-04	6.60E-04	6.30E-04	2.62E-03	2.58E-03	2.59E-03	2.56E-03
144.22	648.15	1.62E-01	1.54E-01	1.57E-01	1.50E-01	6.29E-01	6.21E-01	6.24E-01	6.17E-01	2.04E-02	1.94E-02	1.98E-02	1.89E-02	7.93E-02	7.83E-02	7.87E-02	7.78E-02	5.80E-04	5.50E-04	5.60E-04	5.30E-04	2.19E-03	2.16E-03	2.17E-03	2.14E-03
394.15	623.31	1.49E-01	1.40E-01	1.42E-01	1.35E-01	5.33E-01	5.24E-01	5.24E-01	5.16E-01	1.87E-02	1.76E-02	1.77E-02	1.69E-02	6.66E-02	6.55E-02	6.55E-02	6.45E-02	4.30E-04	4.00E-04	4.10E-04	3.90E-04	1.60E-03	1.58E-03	1.58E-03	1.56E-03
501.62	717.12	1.16E-01	1.09E-01	1.10E-01	1.05E-01	4.14E-01	4.07E-01	4.07E-01	4.01E-01	1.45E-02	1.37E-02	1.38E-02	1.31E-02	5.17E-02	5.09E-02	5.08E-02	5.01E-02	3.80E-04	3.60E-04	3.60E-04	3.40E-04	1.41E-03	1.39E-03	1.39E-03	1.38E-03
618.47	665.12	1.44E-01	1.35E-01	1.37E-01	1.30E-01	5.16E-01	5.08E-01	5.07E-01	5.00E-01	1.80E-02	1.69E-02	1.71E-02	1.63E-02	6.45E-02	6.35E-02	6.34E-02	6.26E-02	3.40E-04	3.20E-04	3.20E-04	3.10E-04	1.26E-03	1.24E-03	1.24E-03	1.23E-03
755.45	579.13	1.84E-01	1.73E-01	1.75E-01	1.67E-01	6.66E-01	6.56E-01	6.56E-01	6.47E-01	2.30E-02	2.17E-02	2.19E-02	2.09E-02	8.33E-02	8.21E-02	8.20E-02	8.09E-02	3.10E-04	2.90E-04	3.00E-04	2.80E-04	1.15E-03	1.13E-03	1.13E-03	1.12E-03
867.79	485.41	2.17E-01	2.04E-01	2.07E-01	1.97E-01	7.93E-01	7.81E-01	7.82E-01	7.71E-01	2.71E-02	2.56E-02	2.59E-02	2.47E-02	9.91E-02	9.77E-02	9.77E-02	9.64E-02	3.00E-04	2.90E-04	2.90E-04	2.80E-04	1.12E-03	1.11E-03	1.11E-03	1.09E-03
955.03	377.60	2.37E-01	2.24E-01	2.27E-01	2.16E-01	8.73E-01	8.61E-01	8.62E-01	8.51E-01	2.96E-02	2.80E-02	2.84E-02	2.70E-02	1.09E-01	1.08E-01	1.08E-01	1.06E-01	3.10E-04	2.90E-04	3.00E-04	2.80E-04	1.14E-03	1.13E-03	1.13E-03	1.11E-03
1331.68	-165.58	1.85E-01	1.75E-01	1.77E-01	1.69E-01	6.85E-01	6.76E-01	6.77E-01	6.68E-01	2.31E-02	2.19E-02	2.22E-02	2.11E-02	8.57E-02	8.45E-02	8.46E-02	8.35E-02	3.30E-04	3.10E-04	3.10E-04	3.00E-04	1.20E-03	1.18E-03	1.19E-03	1.17E-03
1406.74	-290.13	2.15E-01	2.03E-01	2.06E-01	1.96E-01	7.94E-01	7.83E-01	7.84E-01	7.74E-01	2.68E-02	2.53E-02	2.57E-02	2.45E-02	9.93E-02	9.79E-02	9.80E-02	9.68E-02	3.30E-04	3.10E-04	3.20E-04	3.00E-04	1.22E-03	1.21E-03	1.21E-03	1.19E-03
1456.20	-436.06	2.28E-01	2.15E-01	2.18E-01	2.08E-01	8.41E-01	8.29E-01	8.30E-01	8.20E-01	2.85E-02	2.69E-02	2.73E-02	2.60E-02	1.05E-01	1.04E-01	1.04E-01	1.02E-01	3.50E-04	3.30E-04	3.30E-04	3.20E-04	1.29E-03	1.27E-03	1.27E-03	1.25E-03
1209.21	-528.32	2.48E-01	2.34E-01	2.37E-01	2.26E-01	9.12E-01	8.99E-01	9.00E-01	8.89E-01	3.10E-02	2.92E-02	2.96E-02	2.83E-02	1.14E-01	1.12E-01	1.13E-01	1.11E-01	4.30E-04	4.10E-04	4.10E-04	4.00E-04	1.60E-03	1.58E-03	1.58E-03	1.56E-03
913.01	-694.67	2.03E-01	1.91E-01	1.93E-01	1.84E-01	7.37E-01	7.26E-01	7.26E-01	7.17E-01	2.53E-02	2.39E-02	2.42E-02	2.30E-02	9.22E-02	9.08E-02	9.08E-02	8.96E-02	6.40E-04	6.00E-04	6.10E-04	5.90E-04	2.39E-03	2.36E-03	2.36E-03	2.34E-03
717.24	-664.22	2.20E-01	2.08E-01	2.10E-01	2.00E-01	8.00E-01	7.88E-01	7.88E-01	7.78E-01	2.75E-02	2.59E-02	2.63E-02	2.50E-02	1.00E-01	9.86E-02	9.86E-02	9.72E-02	7.70E-04	7.30E-04	7.40E-04	7.10E-04	2.91E-03	2.87E-03	2.88E-03	2.85E-03
544.23	-594.35	2.68E-01	2.53E-01	2.56E-01	2.44E-01	9.78E-01	9.63E-01	9.63E-01	9.51E-01	3.35E-02	3.16E-02	3.20E-02	3.05E-02	1.22E-01	1.20E-01	1.20E-01	1.19E-01	9.10E-04	8.60E-04	8.70E-04	8.30E-04	3.43E-03	3.39E-03	3.39E-03	3.35E-03
338.12	-539.73	3.18E-01	3.00E-01	3.04E-01	2.89E-01	1.16E+00	1.14E+00	1.14E+00	1.13E+00	3.97E-02	3.75E-02	3.79E-02	3.62E-02	1.45E-01	1.43E-01	1.43E-01	1.41E-01	1.18E-03	1.12E-03	1.14E-03	1.08E-03	4.48E-03	4.42E-03	4.44E-03	4.38E-03
123.44	-529.45	3.31E-01	3.12E-01	3.16E-01	3.01E-01	1.20E+00	1.18E+00	1.18E+00	1.17E+00	4.14E-02	3.90E-02	3.95E-02	3.76E-02	1.50E-01	1.48E-01	1.48E-01	1.46E-01	1.73E-03	1.65E-03	1.68E-03	1.60E-03	6.65E-03	6.57E-03	6.60E-03	6.52E-03
-353.26	-515.05	3.85E-01	3.68E-01	3.76E-01	3.60E-01	1.54E+00	1.52E+00	1.53E+00	1.52E+00	6.37E-02	6.09E-02	6.23E-02	5.96E-02	2.56E-01	2.53E-01	2.55E-01	2.53E-01	4.28E-03	4.07E-03	4.15E-03	3.96E-03	1.66E-02	1.64E-02	1.65E-02	1.63E-02
-537.68	-487.80	5.73E-01	5.48E-01	5.61E-01	5.37E-01	2.31E+00	2.29E+00	2.31E+00	2.28E+00	1.18E-01	1.13E-01	1.15E-01	1.11E-01	4.75E-01	4.70E-01	4.73E-01	4.68E-01	5.82E-03	5.54E-03	5.64E-03	5.39E-03	2.25E-02	2.23E-02	2.24E-02	2.21E-02
-775.51	-486.07	6.96E-01	6.66E-01	6.82E-01	6.53E-01	2.81E+00	2.78E+00	2.80E+00	2.78E+00	1.45E-01	1.39E-01	1.42E-01	1.36E-01	5.85E-01	5.79E-01	5.83E-01	5.77E-01	8.45E-03	8.02E-03	8.17E-03	7.80E-03	3.24E-02	3.20E-02	3.21E-02	3.17E-02
-1414.44	-481.50	1.67E+00	1.56E+00	1.58E+00	1.50E+00	5.85E+00	5.76E+00	5.74E+00	5.66E+00	3.43E-01	3.21E-01	3.24E-01	3.08E-01	1.20E+00	1.18E+00	1.18E+00	1.16E+00	1.65E-02	1.55E-02	1.57E-02	1.49E-02	5.83E-02	5.74E-02	5.73E-02	5.65E-02
-1515.21	-320.18	3.37E+00	3.16E+00	3.19E+00	3.04E+00	1.18E+01	1.17E+01	1.16E+01	1.15E+01	7.65E-01	7.18E-01	7.24E-01	6.89E-01	2.69E+00	2.64E+00	2.64E+00	2.60E+00	7.00E-02	6.56E-02	6.62E-02	6.30E-02	2.46E-01	2.42E-01	2.41E-01	2.38E-01
-1749.69	-63.90	6.74E+00	6.32E+00	6.38E+00	6.07E+00	2.37E+01	2.33E+01	2.32E+01	2.29E+01	1.12E+00	1.05E+00	1.06E+00	1.01E+00	3.94E+00	3.87E+00	3.86E+00	3.81E+00	7.88E-02	7.39E-02	7.45E-02	7.10E-02	2.77E-01	2.72E-01	2.71E-01	2.68E-01
-920.57	426.17	4.39E-01	4.12E-01	4.15E-01	3.95E-01	1.54E+00	1.52E+00	1.51E+00	1.49E+00	5.62E-02	5.27E-02	5.32E-02	5.06E-02	2.10E-01	2.07E-01	2.09E-01	2.06E-01	2.15E-03	2.03E-03	2.06E-03	1.96E-03	7.90E-03	7.79E-03	7.80E-03	7.70E-03
-420.73	233.87	3.92E-01	3.68E-01	3.72E-01	3.54E-01	1.40E+00	1.39E+00	1.40E+00	1.38E+00	4.90E-02	4.66E-02	4.76E-02	4.56E-02	1.94E-01	1.92E-01	1.94E-01	1.92E-01	2.45E-03	2.33E-03	2.38E-03	2.27E-03	9.58E-03	9.47E-03	9.52E-03	9.41E-03
1090.12	214.10	2.22E-01	2.09E-01	2.13E-01	2.03E-01	8.23E-01	8.11E-01	8.12E-01	8.02E-01	2.77E-02	2.62E-02	2.66E-02	2.53E-02	1.03E-01	1.01E-01	1.02E-01	1.00E-01	3.20E-04	3.00E-04	3.00E-04	2.90E-04	1.17E-03	1.15E-03	1.15E-03	1.14E-03
1183.39	65.17	1.75E-01	1.65E-01	1.68E-01	1.60E-01	6.51E-01	6.42E-01	6.43E-01	6.35E-01	2.19E-02	2.07E-02	2.10E-02	2.00E-02	8.14E-02	8.03E-02	8.04E-02	7.94E-02	3.20E-04	3.00E-04	3.10E-04	2.90E-04	1.19E-03	1.17E-03	1.17E-03	1.15E-03
1055.30	-577.42	2.48E-01	2.34E-01	2.37E-01	2.26E-01	9.11E-01	8.98E-01	8.98E-01	8.87E-01	3.10E-02	2.93E-02	2.96E-02	2.83E-02	1.14E-01	1.12E-01	1.12E-01	1.11E-01	5.10E-04	4.80E-04	4.90E-04	4.60E-04	1.89E-03	1.86E-03	1.86E-03	1.84E-03
-103.02	-518.78	3.33E-01	3.13E-01	3.16E-01	3.01E-01	1.19E+00	1.17E+00	1.17E+00	1.16E+00	4.16E-02	3.91E-02	3.95E-02	3.76E-02	1.49E-01	1.47E-01	1.46E-01	1.44E-01	2.75E-03	2.61E-03	2.66E-03	2.54E-03	1.06E-02	1.05E-02	1.06E-02	1.04E-02
-1076.39	-488.67	7.07E-01	6.63E-01	6.69E-01	6.36E-01	2.48E+00	2.44E+00	2.43E+00	2.40E+00	1.03E-01	9.66E-02	9.77E-02	9.30E-02	3.68E-01	3.63E-01	3.62E-01	3.57E-01	9.42E-03	8.87E-03	8.97E-03	8.55E-03	3.40E-02	3.35E-02	3.35E-02	3.30E-02
-4113.79	-1330.97	1.58E-01	1.49E-01	1.50E-01	1.43E-01	5.68E-01	5.59E-01	5.58E-01	5.51E-01	2.76E-02	2.60E-02	2.63E-02	2.50E-02	9.92E-02	9.77E-02	9.76E-02	9.63E-02	2.70E-04	2.50E-04	2.50E-04	2.40E-04	9.60E-04	9.50E-04	9.50E-04	9.30E-04
-5050.04	-958.41	1.29E-01	1.21E-01	1.23E-01	1.17E-01	4.66E-01	4.59E-01	4.59E-01	4.52E-01	1.63E-02	1.54E-02	1.55E-02	1.48E-02	5.89E-02	5.80E-02	5.79E-02	5.71E-02	1.80E-04	1.70E-04	1.70E-04	1.60E-04	6.40E-04	6.30E-04	6.30E-04	6.20E-04
-4023.97	-112.26	2.20E-01	2.07E-01	2.09E-01	1.99E-01	7.92E-01	7.80E-01	7.79E-01	7.69E-01	3.67E-02	3.45E-02	3.49E-02	3.33E-02	1.32E-01	1.30E-01	1.30E-01	1.28E-01	2.50E-04	2.40E-04	2.40E-04	2.30E-04	9.10E-04	9.00E-04	9.00E-04	8.90E-04
-2122.34	995.23	2.70E-01	2.53E-01	2.56E-01	2.44E-01	9.63E-01	9.48E-01	9.47E-01	9.34E-01	3.69E-02	3.47E-02	3.50E-02	3.34E-02	1.32E-01	1.30E-01	1.29E-01	1.28E-01	4.60E-04	4.30E-04	4.40E-04	4.10E-04	1.64E-03	1.62E-03	1.62E-03	1.59E-03
-2734.69	227.40	5.76E-01	5.41E-01	5.47E-01	5.21E-01	2.06E+00	2.02E+00	2.02E+00	1.99E+00	1.04E-01	9.76E-02	9.86E-02	9.39E-02	3.70E-01	3.64E-01	3.63E-01	3.58E-01	8.00E-04	7.60E-04	7.60E-04	7.30E-04	2.88E-03	2.83E-03	2.83E-03	2.79E-03
-2371.11	-69.21	8.38E-01	7.88E-01	7.96E-01	7.58E-01	2.99E+00	2.95E+00	2.94E+00	2.90E+00	1.62E-01	1.52E-01	1.54E-01	1.46E-01	5.78E-01	5.69E-01	5.69E-01	5.61E-01	1.71E-03	1.61E-03	1.62E-03	1.55E-03	6.08E-03	5.98E-03	5.97E-03	5.88E-03
-2146.26	177.17	1.23E+00	1.15E+00	1.16E+00	1.11E+00	4.33E+00	4.26E+00	4.25E+00	4.19E+00	1.93E-01	1.81E-01	1.83E-01	1.75E-01	6.89E-01	6.78E-01	6.77E-01	6.67E-01	2.05E-03	1.93E-03	1.95E-03	1.85E-03	7.30E-03	7.18E-03	7.17E-03	7.07E-03
-1919.02	445.07	9.56E-01	8.97E-01	9.05E-01	8.61E-01	3.36E+00	3.30E+00	3.30E+00	3.25E+00	1.35E-01	1.27E-01	1.28E-01	1.22E-01	4.75E-01	4.67E-01	4.66E-01	4.60E-01	1.69E-03	1.59E-03	1.61E-03	1.53E-03	6.02E-03	5.93E-03	5.92E-03	5.84E-03
-1651.12	607.72	7.57E-01	7.10E-01	7.16E-01	6.82E-01	2.66E+00	2.61E+00	2.61E+00	2.57E+00	1.44E-01	1.35E-01	1.36E-01	1.29E-01	5.05E-01	4.96E-01	4.95E-01	4.88E-01	2.32E-03	2.18E-03	2.20E-03	2.10E-03	8.24E-03	8.10E-03	8.09E-03	7.97E-03
-3361.39	677.09	2.43E-01	2.29E-01	2.32E-01	2.21E-01	8.85E-01	8.72E-01	8.72E-01	8.61E-01	5.27E-02	4.96E-02	5.02E-02	4.78E-02	1.90E-01	1.88E-01	1.87E-01	1.85E-01	3.30E-04	3.10E-04	3.10E-04	3.00E-04	1.18E-03	1.16E-03	1.16E-03	1.14E-03
-3026.51	724.93	3.75E-01	3.52E-01	3.56E-01	3.39E-01	1.33E+00	1.31E+00	1.31E+00	1.29E+00	4.69E-02	4.41E-02	4.45E-02	4.24E-02	1.66E-01	1.64E-01	1.63E-01	1.61E-01	3.40E-04	3.20E-04	3.20E-04	3.10E-04	1.22E-03	1.20E-03	1.20E-03	1.19E-03
-1679.82	1478.41	2.69E-01	2.52E-01	2.54E-01	2.42E-01	9.43E-01	9.28E-01	9.26E-01	9.12E-01	3.98E-02	3.73E-02	3.77E-02	3.59E-02	1.40E-01	1.37E-01	1.37E-01	1.35E-01	4.80E-04	4.60E-04	4.60E-04	4.40E-04	1.74E-03	1.71E-03	1.71E-03	1.69E-03
-922.86	446.42	4.37E-01	4.10E-01	4.13E-01	3.93E-01	1.53E+00	1.51E+00	1.50E+00	1.48E+00	5.61E-02	5.26E-02	5.30E-02	5.05E-02	1.97E-01	1.94E-01	1.96E-01	1.94E-01	2.10E-03	1.98E-03	2.00E-03	1.91E-03	7.69E-03	7.58E-03	7.59E-03	7.49E-03
-1799.42	1088.51	3.96E-01	3.71E-01	3.75E-01	3.57E-01	1.39E+00	1.37E+00	1.36E+00	1.34E+00	4.95E-02	4.65E-02	4.69E-02	4.46E-02	1.74E-01	1.71E-01	1.71E-01	1.68E-01	6.50E-04	6.10E-04	6.20E-04	5.90E-04	2.33E-03	2.29E-03	2.29E-03	2.26E-03
-359.36	1846.44	1.09E-01	1.03E-01	1.04E-01	9.95E-02	4.00E-01	3.94E-01	3.94E-01	3.89E-01	1.52E-02	1.43E-02	1.45E-02	1.38E-02	5.54E-02	5.46E-02	5.47E-02	5.39E-02	4.00E-04	3.80E-04	3.90E-04	3.70E-04	1.48E-03	1.46E-03	1.46E-03	1.44E-03
671.30	-742.78	1.72E-01	1.62E-01	1.64E-01	1.56E-01	6.21E-01	6.12E-01	6.12E-01	6.03E-01	2.16E-02	2.03E-02	2.05E-02	1.96E-02	7.77E-02	7.65E-02	7.64E-02	7.54E-02	8.70E-04	8.20E-04	8.40E-04	8.00E-04	3.28E-03	3.23E-03	3.24E-03	3.20E-03
-1565.55	-932.22	6.75E-01	6.33E-01	6.39E-01	6.08E-01	2.37E+00	2.33E+00	2.33E+00	2.29E+00	1.48E-01	1.39E-01	1.40E-01	1.33E-01	5.20E-01	5.11E-01	5.10E-01	5.03E-01	4.24E-03	3.99E-03	4.03E-03	3.83E-03	1.51E-02	1.48E-02	1.48E-02	1.46E-02
-1733.02	-528.24	1.79E+00	1.67E+00	1.69E+00	1.61E+00	6.27E+00	6.17E+00	6.15E+00	6.06E+00	3.56E-01	3.34E-01	3.37E-01	3.20E-01	1.25E+00	1.23E+00	1.23E+00	1.21E+00	1.26E-02	1.19E-02	1.20E-02	1.14E-02	4.46E-02	4.38E-02	4.37E-02	4.31E-02
-1261.46	-507.67	1.14E+00	1.07E+00	1.08E+00	1.03E+00	4.01E+00	3.94E+00	3.93E+00	3.88E+00	2.21E-01	2.07E-01	2.09E-01	1.99E-01	7.75E-01	7.63E-01	7.61E-01	7.50E-01	1.19E-02	1.11E-02	1.12E-02	1.07E-02	4.21E-02	4.14E-02	4.13E-02	4.08E-02
-883.92	-503.26	6.51E-01	6.23E-01	6.38E-01	6.11E-01	2.63E+00	2.61E+00	2.62E+00	2.60E+00	1.45E-01	1.39E-01	1.42E-01	1.36E-01	5.85E-01	5.79E-01	5.83E-01	5.77E-01	8.45E-03	8.00E-03	8.13E-03	7.76E-03	3.18E-02	3.14E-02	3.14E-02	3.10E-02
1599.35	-1104.97	7.05E-02	6.63E-02	6.71E-02	6.39E-02	2.53E-01	2.49E-01	2.49E-01	2.46E-01	8.81E-03	8.29E-03	8.38E-03	7.99E-03	3.17E-02	3.12E-02	3.11E-02	3.07E-02	4.70E-04	4.40E-04	4.50E-04	4.30E-04	1.73E-03	1.71E-03	1.71E-03	1.69E-03
1608.16	-1382.63	7.81E-02	7.39E-02	7.51E-02	7.17E-02	2.93E-01	2.89E-01	2.89E-01	2.86E-01	9.77E-03	9.24E-03	9.39E-03	8.96E-03	3.66E-02	3.61E-02	3.62E-02	3.57E-02	5.10E-04	4.80E-04	4.90E-04	4.70E-04	1.90E-03	1.87E-03	1.88E-03	1.85E-03
3517.15	-1425.27	5.22E-02	4.92E-02	4.98E-02	4.75E-02	1.89E-01	1.86E-01	1.86E-01	1.84E-01	6.53E-03	6.15E-03	6.22E-03	5.93E-03	2.37E-02	2.33E-02	2.33E-02	2.30E-02	2.10E-04	2.00E-04	2.00E-04	2.00E-04	7.90E-04	7.70E-04	7.80E-04	7.70E-04
2959.77	-846.37	1.19E-01	1.12E-01	1.14E-01	1.08E-01	4.35E-01	4.29E-01	4.29E-01	4.23E-01	1.49E-02	1.40E-02	1.42E-02	1.35E-02	5.44E-02	5.36E-02	5.36E-02	5.29E-02	2.10E-04	2.00E-04	2.00E-04	2.00E-04	7.90E-04	7.90E-04	7.80E-04	7.70E-04
3479.67	224.81	6.11E-02	5.77E-02	5.85E-02	5.58E-02	2.25E-01	2.22E-01	2.22E-01	2.19E-01	7.64E-03	7.21E-03	7.31E-03	6.97E-03	2.81E-02	2.77E-02	2.78E-02	2.74E-02	1.40E-04	1.30E-04	1.40E-04	1.30E-04	5.20E-04	5.10E-04	5.10E-04	5.10E-04
44.43	1469.76	1.18E-01	1.11E-01	1.12E-01	1.07E-01	4.16E-01	4.09E-01	4.08E-01	4.03E-01	1.54E-02	1.45E-02	1.46E-02	1.39E-02	5.44E-02	5.35E-02	5.34E-02	5.26E-02	4.50E-04	4.30E-04	4.40E-04	4.10E-04	1.67E-03	1.65E-03	1.65E-03	1.63E-03
3044.83	-34.00	7.54E-02	7.11E-02	7.21E-02	6.88E-02	2.77E-01	2.73E-01	2.73E-01	2.69E-01	9.43E-03	8.89E-03	9.01E-03	8.59E-03	3.46E-02	3.41E-02	3.41E-02	3.37E-02	1.70E-04	1.60E-04	1.60E-04	1.50E-04	6.10E-04	6.00E-04	6.00E-04	5.90E-04
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	6.00E-04	6.10E-04	5.80E-04	2.38E-03	2.35E-03

Phase: 2A
Source Group: Fugitive

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030
-1710.89	-383.91	9.45E+00	9.45E+00	9.45E+00	9.45E+00	5.32E-01	5.32E-01	5.32E-01	5.32E-01	1.83E+00	1.83E+00	1.83E+00	1.83E+00	1.03E-01	1.03E-01	1.03E-01	1.03E-01	7.91E-02	7.91E-02	7.91E-02	7.91E-02	4.46E-03	4.46E-03	4.46E-03	4.46E-03
-1778.03	-291.29	1.32E+01	1.32E+01	1.32E+01	1.32E+01	7.44E-01	7.44E-01	7.44E-01	7.44E-01	2.92E+00	2.92E+00	2.92E+00	2.92E+00	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	5.89E-03	5.89E-03	5.89E-03	5.89E-03
-1732.28	175.05	8.73E+00	8.73E+00	8.73E+00	8.73E+00	4.92E-01	4.92E-01	4.92E-01	4.92E-01	1.09E+00	1.09E+00	1.09E+00	1.09E+00	6.15E-02	6.15E-02	6.15E-02	6.15E-02	3.84E-02	3.84E-02	3.84E-02	3.84E-02	2.17E-03	2.17E-03	2.17E-03	2.17E-03
-1579.43	347.93	4.66E+00	4.66E+00	4.66E+00	4.66E+00	2.62E-01	2.62E-01	2.62E-01	2.62E-01	8.15E-01	8.15E-01	8.15E-01	8.15E-01	4.59E-02	4.59E-02	4.59E-02	4.59E-02	2.02E-02	2.02E-02	2.02E-02	2.02E-02	1.14E-03	1.14E-03	1.14E-03	1.14E-03
-1525.43	516.64	3.20E+00	3.20E+00	3.20E+00	3.20E+00	1.80E-01	1.80E-01	1.80E-01	1.80E-01	4.94E-01	4.94E-01	4.94E-01	4.94E-01	2.78E-02	2.78E-02	2.78E-02	2.78E-02	1.00E-02	1.00E-02	1.00E-02	1.00E-02	5.70E-04	5.70E-04	5.70E-04	5.70E-04
-1332.88	500.04	3.29E+00	3.29E+00	3.29E+00	3.29E+00	1.86E-01	1.86E-01	1.86E-01	1.86E-01	4.11E-01	4.11E-01	4.11E-01	4.11E-01	2.32E-02	2.32E-02	2.32E-02	2.32E-02	9.49E-03	9.49E-03	9.49E-03	9.49E-03	5.40E-04	5.40E-04	5.40E-04	5.40E-04
-1140.45	476.30	3.41E+00	3.41E+00	3.41E+00	3.41E+00	1.92E-01	1.92E-01	1.92E-01	1.92E-01	4.58E-01	4.58E-01	4.58E-01	4.58E-01	2.58E-02	2.58E-02	2.58E-02	2.58E-02	8.65E-03	8.65E-03	8.65E-03	8.65E-03	4.90E-04	4.90E-04	4.90E-04	4.90E-04
-672.12	353.55	4.82E+00	4.82E+00	4.82E+00	4.82E+00	2.72E-01	2.72E-01	2.72E-01	2.72E-01	7.37E-01	7.37E-01	7.37E-01	7.37E-01	4.16E-02	4.16E-02	4.16E-02	4.16E-02	1.66E-02	1.66E-02	1.66E-02	1.66E-02	9.40E-04	9.40E-04	9.40E-04	9.40E-04
-169.37	170.38	1.87E+00	1.87E+00	1.87E+00	1.87E+00	1.05E-01	1.05E-01	1.05E-01	1.05E-01	2.33E-01	2.33E-01	2.33E-01	2.33E-01	1.32E-02	1.32E-02	1.32E-02	1.32E-02	5.88E-03	5.88E-03	5.88E-03	5.88E-03	3.30E-04	3.30E-04	3.30E-04	3.30E-04
-75.04	299.11	1.53E+00	1.53E+00	1.53E+00	1.53E+00	8.62E-02	8.62E-02	8.62E-02	8.62E-02	1.91E-01	1.91E-01	1.91E-01	1.91E-01	1.08E-02	1.08E-02	1.08E-02	1.08E-02	4.79E-03	4.79E-03	4.79E-03	4.79E-03	2.70E-04	2.70E-04	2.70E-04	2.70E-04
49.15	527.20	1.73E+00	1.73E+00	1.73E+00	1.73E+00	9.75E-02	9.75E-02	9.75E-02	9.75E-02	2.16E-01	2.16E-01	2.16E-01	2.16E-01	1.22E-02	1.22E-02	1.22E-02	1.22E-02	3.80E-03	3.80E-03	3.80E-03	3.80E-03	2.10E-04	2.10E-04	2.10E-04	2.10E-04
144.22	648.15	1.38E+00	1.38E+00	1.38E+00	1.38E+00	7.80E-02	7.80E-02	7.80E-02	7.80E-02	1.73E-01	1.73E-01	1.73E-01	1.73E-01	9.76E-03	9.76E-03	9.76E-03	9.76E-03	3.11E-03	3.11E-03	3.11E-03	3.11E-03	1.80E-04	1.80E-04	1.80E-04	1.80E-04
394.15	623.31	7.85E-01	7.85E-01	7.85E-01	7.85E-01	4.43E-02	4.43E-02	4.43E-02	4.43E-02	9.81E-02	9.81E-02	9.81E-02	9.81E-02	5.53E-03	5.53E-03	5.53E-03	5.53E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.10E-04	1.10E-04	1.10E-04	1.10E-04
501.62	717.12	7.60E-01	7.60E-01	7.60E-01	7.60E-01	4.29E-02	4.29E-02	4.29E-02	4.29E-02	9.51E-02	9.51E-02	9.51E-02	9.51E-02	5.36E-03	5.36E-03	5.36E-03	5.36E-03	1.73E-03	1.73E-03	1.73E-03	1.73E-03	1.00E-04	1.00E-04	1.00E-04	1.00E-04
618.47	665.12	3.66E-01	3.66E-01	3.66E-01	3.66E-01	2.07E-02	2.07E-02	2.07E-02	2.07E-02	5.09E-02	5.09E-02	5.09E-02	5.09E-02	2.87E-03	2.87E-03	2.87E-03	2.87E-03	1.40E-03	1.40E-03	1.40E-03	1.40E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05
755.45	579.13	5.17E-01	5.17E-01	5.17E-01	5.17E-01	2.91E-02	2.91E-02	2.91E-02	2.91E-02	6.46E-02	6.46E-02	6.46E-02	6.46E-02	3.64E-03	3.64E-03	3.64E-03	3.64E-03	1.19E-03	1.19E-03	1.19E-03	1.19E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05
867.79	485.41	8.84E-01	8.84E-01	8.84E-01	8.84E-01	4.98E-02	4.98E-02	4.98E-02	4.98E-02	1.10E-01	1.10E-01	1.10E-01	1.10E-01	6.23E-03	6.23E-03	6.23E-03	6.23E-03	1.17E-03	1.17E-03	1.17E-03	1.17E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05
955.03	377.60	1.36E+00	1.36E+00	1.36E+00	1.36E+00	7.65E-02	7.65E-02	7.65E-02	7.65E-02	1.70E-01	1.70E-01	1.70E-01	1.70E-01	9.57E-03	9.57E-03	9.57E-03	9.57E-03	1.27E-03	1.27E-03	1.27E-03	1.27E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05
1331.68	-165.58	1.12E+00	1.12E+00	1.12E+00	1.12E+00	6.30E-02	6.30E-02	6.30E-02	6.30E-02	1.40E-01	1.40E-01	1.40E-01	1.40E-01	7.87E-03	7.87E-03	7.87E-03	7.87E-03	1.36E-03	1.36E-03	1.36E-03	1.36E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05
1406.74	-290.13	1.31E+00	1.31E+00	1.31E+00	1.31E+00	7.40E-02	7.40E-02	7.40E-02	7.40E-02	1.64E-01	1.64E-01	1.64E-01	1.64E-01	9.25E-03	9.25E-03	9.25E-03	9.25E-03	1.41E-03	1.41E-03	1.41E-03	1.41E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05
1456.20	-436.06	1.54E+00	1.54E+00	1.54E+00	1.54E+00	8.70E-02	8.70E-02	8.70E-02	8.70E-02	1.93E-01	1.93E-01	1.93E-01	1.93E-01	1.09E-02	1.09E-02	1.09E-02	1.09E-02	1.50E-03	1.50E-03	1.50E-03	1.50E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05
1209.21	-528.32	1.45E+00	1.45E+00	1.45E+00	1.45E+00	8.15E-02	8.15E-02	8.15E-02	8.15E-02	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.00E-04	1.00E-04	1.00E-04	1.00E-04
913.01	-694.67	5.67E-01	5.67E-01	5.67E-01	5.67E-01	3.20E-02	3.20E-02	3.20E-02	3.20E-02	7.09E-02	7.09E-02	7.09E-02	7.09E-02	4.00E-03	4.00E-03	4.00E-03	4.00E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	1.60E-04	1.60E-04	1.60E-04	1.60E-04
717.24	-664.22	5.84E-01	5.84E-01	5.84E-01	5.84E-01	3.29E-02	3.29E-02	3.29E-02	3.29E-02	7.30E-02	7.30E-02	7.30E-02	7.30E-02	4.12E-03	4.12E-03	4.12E-03	4.12E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	2.00E-04	2.00E-04	2.00E-04	2.00E-04
544.23	-594.35	7.98E-01	7.98E-01	7.98E-01	7.98E-01	4.50E-02	4.50E-02	4.50E-02	4.50E-02	9.98E-02	9.98E-02	9.98E-02	9.98E-02	5.63E-03	5.63E-03	5.63E-03	5.63E-03	4.39E-03	4.39E-03	4.39E-03	4.39E-03	2.50E-04	2.50E-04	2.50E-04	2.50E-04
338.12	-539.73	9.69E-01	9.69E-01	9.69E-01	9.69E-01	5.46E-02	5.46E-02	5.46E-02	5.46E-02	1.21E-01	1.21E-01	1.21E-01	1.21E-01	6.83E-03	6.83E-03	6.83E-03	6.83E-03	6.10E-03	6.10E-03	6.10E-03	6.10E-03	3.40E-04	3.40E-04	3.40E-04	3.40E-04
123.44	-529.45	1.24E+00	1.24E+00	1.24E+00	1.24E+00	7.00E-02	7.00E-02	7.00E-02	7.00E-02	1.55E-01	1.55E-01	1.55E-01	1.55E-01	8.75E-03	8.75E-03	8.75E-03	8.75E-03	1.02E-02	1.02E-02	1.02E-02	1.02E-02	5.70E-04	5.70E-04	5.70E-04	5.70E-04
-353.26	-515.05	4.37E+00	4.37E+00	4.37E+00	4.37E+00	2.47E-01	2.47E-01	2.47E-01	2.47E-01	5.60E-01	5.60E-01	5.60E-01	5.60E-01	3.16E-02	3.16E-02	3.16E-02	3.16E-02	2.53E-02	2.53E-02	2.53E-02	2.53E-02	1.43E-03	1.43E-03	1.43E-03	1.43E-03
-537.68	-487.80	6.81E+00	6.81E+00	6.81E+00	6.81E+00	3.84E-01	3.84E-01	3.84E-01	3.84E-01	1.12E+00	1.12E+00	1.12E+00	1.12E+00	6.33E-02	6.33E-02	6.33E-02	6.33E-02	3.12E-02	3.12E-02	3.12E-02	3.12E-02	1.76E-03	1.76E-03	1.76E-03	1.76E-03
-775.51	-486.07	7.38E+00	7.38E+00	7.38E+00	7.38E+00	4.16E-01	4.16E-01	4.16E-01	4.16E-01	1.23E+00	1.23E+00	1.23E+00	1.23E+00	6.94E-02	6.94E-02	6.94E-02	6.94E-02	4.90E-02	4.90E-02	4.90E-02	4.90E-02	2.76E-03	2.76E-03	2.76E-03	2.76E-03
-1414.44	-481.50	5.25E+00	5.25E+00	5.25E+00	5.25E+00	2.96E-01	2.96E-01	2.96E-01	2.96E-01	1.02E+00	1.02E+00	1.02E+00	1.02E+00	5.73E-02	5.73E-02	5.73E-02	5.73E-02	4.24E-02	4.24E-02	4.24E-02	4.24E-02	2.39E-03	2.39E-03	2.39E-03	2.39E-03
-1515.21	-320.18	9.68E+00	9.68E+00	9.68E+00	9.68E+00	5.46E-01	5.46E-01	5.46E-01	5.46E-01	2.07E+00	2.07E+00	2.07E+00	2.07E+00	1.17E-01	1.17E-01	1.17E-01	1.17E-01	1.78E-01	1.78E-01	1.78E-01	1.78E-01	1.00E-02	1.00E-02	1.00E-02	1.00E-02
-1749.69	-63.90	1.80E+01	1.80E+01	1.80E+01	1.80E+01	1.01E+00	1.01E+00	1.01E+00	1.01E+00	3.10E+00	3.10E+00	3.10E+00	3.10E+00	1.75E-01	1.75E-01	1.75E-01	1.75E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01	1.14E-02	1.14E-02	1.14E-02	1.14E-02
-920.57	426.17	3.88E+00	3.88E+00	3.88E+00	3.88E+00	2.19E-01	2.19E-01	2.19E-01	2.19E-01	4.90E-01	4.90E-01	4.90E-01	4.90E-01	2.76E-02	2.76E-02	2.76E-02	2.76E-02	8.06E-03	8.06E-03	8.06E-03	8.06E-03	4.50E-04	4.50E-04	4.50E-04	4.50E-04
-420.73	233.87	2.88E+00	2.88E+00	2.88E+00	2.88E+00	1.62E-01	1.62E-01	1.62E-01	1.62E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01	2.22E-02	2.22E-02	2.22E-02	2.22E-02	1.62E-02	1.62E-02	1.62E-02	1.62E-02	9.10E-04	9.10E-04	9.10E-04	9.10E-04
1090.12	214.10	1.52E+00	1.52E+00	1.52E+00	1.52E+00	8.55E-02	8.55E-02	8.55E-02	8.55E-02	1.90E-01	1.90E-01	1.90E-01	1.90E-01	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.40E-03	1.40E-03	1.40E-03	1.40E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05
1183.39	65.17	9.10E-01	9.10E-01	9.10E-01	9.10E-01	5.13E-02	5.13E-02	5.13E-02	5.13E-02	1.14E-01	1.14E-01	1.14E-01	1.14E-01	6.42E-03	6.42E-03	6.42E-03	6.42E-03	1.36E-03	1.36E-03	1.36E-03	1.36E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05
1055.30	-577.42	1.19E+00	1.19E+00	1.19E+00	1.19E+00	6.69E-02	6.69E-02	6.69E-02	6.69E-02	1.48E-01	1.48E-01	1.48E-01	1.48E-01	8.36E-03	8.36E-03	8.36E-03	8.36E-03	2.16E-03	2.16E-03	2.16E-03	2.16E-03	1.20E-04	1.20E-04	1.20E-04	1.20E-04
-103.02	-518.78	2.57E+00	2.57E+00	2.57E+00	2.57E+00	1.45E-01	1.45E-01	1.45E-01	1.45E-01	3.21E-01	3.21E-01	3.21E-01	3.21E-01	1.81E-02	1.81E-02	1.81E-02	1.81E-02	1.78E-02	1.78E-02	1.78E-02	1.78E-02	1.00E-03	1.00E-03	1.00E-03	1.00E-03
-1076.39	-488.67	5.80E+00	5.80E+00	5.80E+00	5.80E+00	3.27E-01	3.27E-01	3.27E-01	3.27E-01	7.78E-01	7.78E-01	7.78E-01	7.78E-01	4.39E-02	4.39E-02	4.39E-02	4.39E-02	3.20E-02	3.20E-02	3.20E-02	3.20E-02	1.81E-03	1.81E-03	1.81E-03	1.81E-03
-4113.79	-1330.97	7.74E-01	7.74E-01	7.74E-01	7.74E-01	4.37E-02	4.37E-02	4.37E-02	4.37E-02	1.19E-01	1.19E-01	1.19E-01	1.19E-01	6.69E-03	6.69E-03	6.69E-03	6.69E-03	9.20E-04	9.20E-04	9.20E-04	9.20E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05
-5050.04	-958.41	7.06E-01	7.06E-01	7.06E-01	7.06E-01	3.98E-02	3.98E-02	3.98E-02	3.98E-02	8.83E-02	8.83E-02	8.83E-02	8.83E-02	4.98E-03	4.98E-03	4.98E-03	4.98E-03	5.90E-04	5.90E-04	5.90E-04	5.90E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-4023.97	-112.26	1.04E+00	1.04E+00	1.04E+00	1.04E+00	5.86E-02	5.86E-02	5.86E-02	5.86E-02	1.65E-01	1.65E-01	1.65E-01	1.65E-01	9.30E-03	9.30E-03	9.30E-03	9.30E-03	7.90E-04	7.90E-04	7.90E-04	7.90E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05
-2122.34	995.23	1.14E+00	1.14E+00	1.14E+00	1.14E+00	6.43E-02	6.43E-02	6.43E-02	6.43E-02	1.53E-01	1.53E-01	1.53E-01	1.53E-01	8.62E-03	8.62E-03	8.62E-03	8.62E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05
-2734.69	227.40	2.15E+00	2.15E+00	2.15E+00	2.15E+00	1.21E-01	1.21E-01	1.21E-01	1.21E-01	3.67E-01	3.67E-01	3.67E-01	3.67E-01	2.07E-02	2.07E-02	2.07E-02	2.07E-02	2.67E-03	2.67E-03	2.67E-03	2.67E-03	1.50E-04	1.50E-04	1.50E-04	1.50E-04
-2371.11	-69.21	3.00E+00	3.00E+00	3.00E+00	3.00E+00	1.69E-01	1.69E-01	1.69E-01	1.69E-01	6.53E-01	6.53E-01	6.53E-01	6.53E-01	3.68E-02	3.68E-02	3.68E-02	3.68E-02	4.74E-03	4.74E-03	4.74E-03	4.74E-03	2.70E-04	2.70E-04	2.70E-04	2.70E-04
-2146.26	177.17	3.76E+00	3.76E+00	3.76E+00	3.76E+00	2.12E-01	2.12E-01	2.12E-01	2.12E-01	6.20E-01	6.20E-01	6.20E-01	6.20E-01	3.50E-02	3.50E-02	3.50E-02	3.50E-02	5.91E-03	5.91E-03	5.91E-03	5.91E-03	3.30E-04	3.30E-04	3.30E-04	3.30E-04
-1919.02	445.07	2.73E+00	2.73E+00	2.73E+00	2.73E+00	1.54E-01	1.54E-01	1.54E-01	1.54E-01	3.68E-01	3.68E-01	3.68E-01	3.68E-01	2.08E-02	2.08E-02	2.08E-02	2.08E-02	4.50E-03	4.50E-03	4.50E-03	4.50E-03	2.50E-04	2.50E-04	2.50E-04	2.50E-04
-1651.12	607.72	2.52E+00	2.52E+00	2.52E+00	2.52E+00	1.42E-01	1.42E-01	1.42E-01	1.42E-01	3.80E-01	3.80E-01	3.80E-01	3.80E-01	2.14E-02	2.14E-02	2.14E-02	2.14E-02	6.40E-03	6.40E-03	6.40E-03	6.40E-03	3.60E-04	3.60E-04	3.60E-04	3.60E-04
-3361.39	677.09	1.14E+00	1.14E+00	1.14E+00	1.14E+00	6.41E-02	6.41E-02	6.41E-02	6.41E-02	2.43E-01	2.43E-01	2.43E-01	2.43E-01	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.16E-03	1.16E-03	1.16E-03	1.16E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05
-3026.51	724.93	1.33E+00	1.33E+00	1.33E+00	1.33E+00	7.50E-02	7.50E-02	7.50E-02	7.50E-02	1.92E-01	1.92E-01	1.92E-01	1.92E-01	1.08E-02	1.08E-02	1.08E-02	1.08E-02	1.11E-03	1.11E-03	1.11E-03	1.11E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05
-1679.82	1478.41	9.87E-01	9.87E-01	9.87E-01	9.87E-01	5.57E-02	5.57E-02	5.57E-02	5.57E-02	1.25E-01	1.25E-01	1.25E-01	1.25E-01	7.03E-03	7.03E-03	7.03E-03	7.03E-03	1.57E-03	1.57E-03	1.57E-03	1.57E-03	9.00E-05	9.00E-05	9.00E-05	9.00E-05
-922.86	446.42	3.76E+00	3.76E+00	3.76E+00	3.76E+00	2.12E-01	2.12E-01	2.12E-01	2.12E-01	4.72E-01	4.72E-01	4.72E-01	4.72E-01	2.67E-02	2.67E-02	2.67E-02	2.67E-02	7.78E-03	7.78E-03	7.78E-03	7.78E-03	4.40E-04	4.40E-04	4.40E-04	4.40E-04
-1799.42	1088.51	1.39E+00	1.39E+00	1.39E+00	1.39E+00	7.86E-02	7.86E-02	7.86E-02	7.86E-02	1.74E-01	1.74E-01	1.74E-01	1.74E-01	9.83E-03	9.83E-03	9.83E-03	9.83E-03	2.18E-03	2.18E-03	2.18E-03	2.18E-03	1.20E-04	1.20E-04	1.20E-04	1.20E-04
-359.36	1846.44	6.52E-01	6.52E-01	6.52E-01	6.52E-01	3.68E-02	3.68E-02	3.68E-02	3.68E-02	8.27E-02	8.27E-02	8.27E-02	8.27E-02	4.66E-03	4.66E-03	4.66E-03	4.66E-03	1.61E-03	1.61E-03	1.61E-03	1.61E-03	9.00E-05	9.00E-05	9.00E-05	9.00E-05
671.30	-742.78	4.96E-01	4.96E-01	4.96E-01	4.96E-01	2.80E-02	2.80E-02	2.80E-02	2.80E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02	3.50E-03	3.50E-03	3.50E-03	3.50E-03	4.31E-03	4.31E-03	4.31E-03	4.31E-03	2.40E-04	2.40E-04	2.40E-04	2.40E-04
-1565.55	-932.22	2.48E+00	2.48E+00	2.48E+00	2.48E+00	1.40E-01	1.40E-01	1.40E-01	1.40E-01	4.42E-01	4.42E-01	4.42E-01	4.42E-01	2.49E-02	2.49E-02	2.49E-02	2.49E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	6.80E-04	6.80E-04	6.80E-04	6.80E-04
-1733.02	-528.24	5.75E+00	5.75E+00	5.75E+00	5.75E+00	3.24E-01	3.24E-01	3.24E-01	3.24E-01	1.05E+00	1.05E+00	1.05E+00	1.05E+00	5.91E-02	5.91E-02	5.91E-02	5.91E-02	3.41E-02	3.41E-02	3.41E-02	3.41E-02	1.92E-03	1.92E-03	1.92E-03	1.92E-03
-1261.46	-507.67	3.99E+00	3.99E+00	3.99E+00	3.99E+00	2.25E-01	2.25E-01	2.25E-01	2.25E-01	6.36E-01	6.36E-01	6.36E-01	6.36E-01	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.33E-02	3.33E-02	3.33E-02	3.33E-02	1.88E-03	1.88E-03	1.88E-03	1.88E-03
-883.92	-503.26	7.07E+00	7.07E+00	7.07E+00	7.07E+00	3.99E-01	3.99E-01	3.99E-01	3.99E-01	1.49E+00	1.49E+00	1.49E+00	1.49E+00	8.41E-02	8.41E-02	8.41E-02	8.41E-02	4.30E-02	4.30E-02	4.30E-02	4.30E-02	2.42E-03	2.42E-03	2.42E-03	2.42E-03
1599.35	-1104.97	3.55E-01	3.55E-01	3.55E-01	3.55E-01	2.00E-02	2.00E-02	2.00E-02	2.00E-02	4.44E-02	4.44E-02	4.44E-02	4.44E-02	2.50E-03	2.50E-03	2.50E-03	2.50E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	1.10E-04	1.10E-04	1.10E-04	1.10E-04
1608.16	-1382.63	4.54E-01	4.54E-01	4.54E-01	4.54E-01	2.56E-02	2.56E-02	2.56E-02	2.56E-02	5.68E-02	5.68E-02	5.68E-02	5.68E-02	3.20E-03	3.20E-03	3.20E-03	3.20E-03	2.31E-03	2.31E-03	2.31E-03	2.31E-03	1.30E-04	1.30E-04	1.30E-04	1.30E-04
3517.15	-1425.27	2.21E-01	2.21E-01	2.21E-01	2.21E-01	1.25E-02	1.25E-02	1.25E-02	1.25E-02	2.76E-02	2.76E-02	2.76E-02	2.76E-02	1.56E-03	1.56E-03	1.56E-03	1.56E-03	8.00E-04	8.00E-04	8.00E-04	8.00E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05
2959.77	-846.37	6.42E-01	6.42E-01	6.42E-01	6.42E-01	3.62E-02	3.62E-02	3.62E-02	3.62E-02	8.02E-02	8.02E-02	8.02E-02	8.02E-02	4.52E-03	4.52E-03	4.52E-03	4.52E-03	8.60E-04	8.60E-04	8.60E-04	8.60E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05
3479.67	224.81	2.19E-01	2.19E-01	2.19E-01	2.19E-01	1.24E-02	1.24E-02	1.24E-02	1.24E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02	1.81E-03	1.81E-03	1.81E-03	1.81E-03	5.60E-04	5.60E-04	5.60E-04	5.60E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05
44.43	1469.76	7.71E-01	7.71E-01	7.71E-01	7.71E-01	4.35E-02	4.35E-02	4.35E-02	4.35E-02	1.05E-01	1.05E-01	1.05E-01	1.05E-01	5.95E-03	5.95E-03	5.95E-03	5.95E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.10E-04	1.10E-04	1.10E-04	1.10E-04
3044.83	-34.00	3.62E-01	3.62E-01	3.62E-01	3.62E-01	2.04E-02	2.04E-02	2.04E-02	2.04E-02	4.52E-02	4.52E-02	4.52E-02	4.52E-02	2.55E-03	2.55E-03	2.55E-03	2.55E-03	6.70E-04	6.70E-04	6.70E-04	6.70E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	2.95E-03	2.95E-03	2.95E-03	1.70E-04	1.70E-04	1

Phase: 2A
Source Group: Gasoline Exhaust

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030
-1710.89	-383.91	1.17E-03	1.01E-03	1.03E-03	9.60E-04	4.39E-03	4.39E-03	3.59E-03	3.30E-03	2.30E-04	2.00E-04	2.00E-04	1.90E-04	8.60E-04	8.60E-04	7.00E-04	6.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	3.00E-05
-1778.03	-291.29	1.66E-03	1.43E-03	1.45E-03	1.36E-03	6.21E-03	6.21E-03	5.09E-03	4.67E-03	3.70E-04	3.20E-04	3.20E-04	3.00E-04	1.39E-03	1.39E-03	1.13E-03	1.04E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05
-1732.28	175.05	1.09E-03	9.40E-04	9.60E-04	8.90E-04	4.08E-03	4.08E-03	3.34E-03	3.07E-03	1.40E-04	1.20E-04	1.20E-04	1.10E-04	5.10E-04	5.10E-04	4.20E-04	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	1.00E-05	1.00E-05
-1579.43	347.93	5.70E-04	4.90E-04	5.00E-04	4.70E-04	2.14E-03	2.14E-03	1.75E-03	1.61E-03	1.00E-04	9.00E-05	9.00E-05	8.00E-05	3.80E-04	3.80E-04	3.10E-04	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1525.43	516.64	3.90E-04	3.40E-04	3.40E-04	3.20E-04	1.46E-03	1.46E-03	1.19E-03	1.10E-03	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.30E-04	2.30E-04	1.90E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1332.88	500.04	2.80E-04	2.40E-04	2.50E-04	2.30E-04	1.06E-03	1.06E-03	8.70E-04	7.90E-04	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.40E-04	1.20E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1140.45	476.30	1.30E-04	1.10E-04	1.20E-04	1.10E-04	5.00E-04	5.00E-04	4.10E-04	3.70E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	7.00E-05	7.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-672.12	353.55	7.00E-05	6.00E-05	6.00E-05	6.00E-05	2.50E-04	2.40E-04	2.10E-04	1.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-169.37	170.38	1.50E-04	1.30E-04	1.30E-04	1.30E-04	5.70E-04	5.50E-04	4.70E-04	4.30E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	7.00E-05	7.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-75.04	299.11	1.10E-04	1.00E-04	1.00E-04	9.00E-05	4.20E-04	4.20E-04	3.50E-04	3.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49.15	527.20	5.00E-05	4.00E-05	4.00E-05	4.00E-05	1.70E-04	1.70E-04	1.40E-04	1.30E-04	1.00E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144.22	648.15	3.00E-05	2.00E-05	3.00E-05	2.00E-05	1.10E-04	1.10E-04	9.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394.15	623.31	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.40E-04	1.10E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501.62	717.12	2.00E-05	2.00E-05	2.00E-05	2.00E-05	9.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618.47	665.12	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.40E-04	1.10E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755.45	579.13	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.10E-04	2.10E-04	1.70E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867.79	485.41	7.00E-05	6.00E-05	6.00E-05	6.00E-05	2.70E-04	2.60E-04	2.20E-04	2.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955.03	377.60	8.00E-05	7.00E-05	7.00E-05	7.00E-05	3.10E-04	2.90E-04	2.50E-04	2.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331.68	-165.58	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.20E-04	2.00E-04	1.80E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406.74	-290.13	7.00E-05	6.00E-05	6.00E-05	5.00E-05	2.50E-04	2.20E-04	2.00E-04	1.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456.20	-436.06	8.00E-05	7.00E-05	7.00E-05	7.00E-05	3.00E-04	2.70E-04	2.50E-04	2.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209.21	-528.32	9.00E-05	8.00E-05	8.00E-05	7.00E-05	3.30E-04	3.00E-04	2.70E-04	2.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913.01	-694.67	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.20E-04	2.10E-04	1.80E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717.24	-664.22	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.30E-04	2.30E-04	1.90E-04	1.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544.23	-594.35	8.00E-05	7.00E-05	7.00E-05	7.00E-05	3.00E-04	2.90E-04	2.50E-04	2.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338.12	-539.73	1.00E-04	8.00E-05	8.00E-05	8.00E-05	3.60E-04	3.50E-04	3.00E-04	2.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	4.00E-05	4.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123.44	-529.45	1.00E-04	9.00E-05	9.00E-05	8.00E-05	3.70E-04	3.70E-04	3.00E-04	2.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-353.26	-515.05	9.00E-05	8.00E-05	8.00E-05	8.00E-05	3.50E-04	3.50E-04	2.90E-04	2.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	4.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-537.68	-487.80	1.10E-04	9.00E-05	9.00E-05	9.00E-05	3.90E-04	3.90E-04	3.20E-04	3.00E-04	2.00E-05	1.00E-05	1.00E-05	1.00E-05	6.00E-05	5.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-775.51	-486.07	1.30E-04	1.10E-04	1.10E-04	1.10E-04	4.80E-04	4.80E-04	3.90E-04	3.60E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	9.00E-05	7.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	1.00E-05	0.00E+00
-1414.44	-481.50	6.50E-04	5.60E-04	5.70E-04	5.30E-04	2.43E-03	2.43E-03	1.99E-03	1.82E-03	1.30E-04	1.10E-04	1.10E-04	1.00E-04	4.70E-04	4.70E-04	3.90E-04	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	1.00E-05
-1515.21	-320.18	1.21E-03	1.04E-03	1.06E-03	9.90E-04	4.53E-03	4.53E-03	3.71E-03	3.40E-03	2.60E-04	2.20E-04	2.30E-04	2.10E-04	9.70E-04	9.70E-04	8.00E-04	7.30E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.00E-05	8.00E-05	7.00E-05	6.00E-05
-1749.69	-63.90	2.30E-03	1.98E-03	2.01E-03	1.88E-03	8.60E-03	8.60E-03	7.04E-03	6.46E-03	3.90E-04	3.30E-04	3.40E-04	3.20E-04	1.45E-03	1.45E-03	1.19E-03	1.09E-03	3.00E-05	2.00E-05	2.00E-05	2.00E-05	1.00E-04	1.00E-04	8.00E-05	7.00E-05
-920.57	426.17	1.70E-04	1.50E-04	1.50E-04	1.40E-04	6.40E-04	6.40E-04	5.30E-04	4.80E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-420.73	233.87	1.40E-04	1.20E-04	1.20E-04	1.10E-04	5.20E-04	5.20E-04	4.30E-04	3.90E-04	2.00E-05	2.00E-05	2.00E-05	1.00E-05	7.00E-05	7.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090.12	214.10	7.00E-05	6.00E-05	6.00E-05	6.00E-05	2.60E-04	2.30E-04	2.20E-04	2.00E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183.39	65.17	4.00E-05	4.00E-05	4.00E-05	4.00E-05	1.60E-04	1.40E-04	1.30E-04	1.20E-04	1.00E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055.30	-577.42	8.00E-05	7.00E-05	7.00E-05	7.00E-05	3.10E-04	2.90E-04	2.60E-04	2.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-103.02	-518.78	1.00E-04	9.00E-05	9.00E-05	8.00E-05	3.80E-04	3.80E-04	3.10E-04	2.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1076.39	-488.67	3.00E-04	2.60E-04	2.60E-04	2.50E-04	1.12E-03	1.12E-03	9.20E-04	8.40E-04	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.40E-04	1.20E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-4113.79	-1330.97	6.00E-05	6.00E-05	6.00E-05	5.00E-05	2.40E-04	2.30E-04	2.00E-04	1.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	5.00E-05	4.00E-05	4.00E-05	4.00E-05	1.90E-04	1.80E-04	1.50E-04	1.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	8.00E-05	7.00E-05	7.00E-05	7.00E-05	3.00E-04	2.90E-04	2.50E-04	2.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	7.00E-05	6.00E-05	6.00E-05	5.00E-05	2.50E-04	2.50E-04	2.10E-04	1.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2734.69	227.40	2.20E-04	1.90E-04	1.90E-04	1.80E-04	8.10E-04	7.90E-04	6.60E-04	6.10E-04	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.50E-04	1.50E-04	1.20E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2371.11	-69.21	2.70E-04	2.30E-04	2.40E-04	2.20E-04	1.01E-03	9.80E-04	8.30E-04	7.60E-04	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.10E-04	2.10E-04	1.70E-04	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2146.26	177.17	4.60E-04	4.00E-04	4.10E-04	3.80E-04	1.74E-03	1.74E-03	1.42E-03	1.31E-03	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.20E-04	2.20E-04	1.80E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1919.02	445.07	3.40E-04	2.90E-04	3.00E-04	2.80E-04	1.28E-03	1.28E-03	1.04E-03	9.60E-04	5.00E-05	4.00E-05	4.00E-05	4.00E-05	1.70E-04	1.70E-04	1.40E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1651.12	607.72	3.10E-04	2.70E-04	2.70E-04	2.50E-04	1.16E-03	1.16E-03	9.50E-04	8.70E-04	5.00E-05	4.00E-05	4.00E-05	4.00E-05	1.80E-04	1.80E-04	1.50E-04	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3361.39	677.09	8.00E-05	7.00E-05	7.00E-05	7.00E-05	3.20E-04	3.00E-04	2.60E-04	2.40E-04	2.00E-05	1.00E-05	2.00E-05	1.00E-05	6.00E-05	6.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3026.51	724.93	1.60E-04	1.30E-04	1.40E-04	1.30E-04	5.80E-04	5.80E-04	4.80E-04	4.40E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	7.00E-05	7.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1679.82	1478.41	1.20E-04	1.00E-04	1.00E-04	1.00E-04	4.40E-04	4.40E-04	3.60E-04	3.30E-04	2.00E-05	1.00E-05	1.00E-05	1.00E-05	6.00E-05	6.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-922.86	446.42	1.70E-04	1.50E-04	1.50E-04	1.40E-04	6.40E-04	6.40E-04	5.30E-04	4.80E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1799.42	1088.51	1.70E-04	1.50E-04	1.50E-04	1.40E-04	6.30E-04	6.30E-04	5.20E-04	4.80E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.00E-05	8.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-359.36	1846.44	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671.30	-742.78	4.00E-05	4.00E-05	4.00E-05	3.00E-05	1.50E-04	1.50E-04	1.30E-04	1.20E-04	1.00E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1565.55	-932.22	3.00E-04	2.60E-04	2.60E-04	2.40E-04	1.11E-03	1.11E-03	9.10E-04	8.40E-04	5.00E-05	5.00E-05	5.00E-05	4.00E-05	2.00E-04	2.00E-04	1.70E-04	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1733.02	-528.24	7.10E-04	6.10E-04	6.20E-04	5.80E-04	2.65E-03	2.65E-03	2.17E-03	1.99E-03	1.30E-04	1.10E-04	1.10E-04	1.10E-04	4.90E-04	4.90E-04	4.00E-04	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-05	1.00E-05
-1261.46	-507.67	4.70E-04	4.10E-04	4.10E-04	3.90E-04	1.77E-03	1.77E-03	1.45E-03	1.33E-03	8.00E-05	7.00E-05	7.00E-05	7.00E-05	3.00E-04	3.00E-04	2.40E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-883.92	-503.26	1.90E-04	1.70E-04	1.70E-04	1.60E-04	7.20E-04	7.20E-04	5.90E-04	5.40E-04	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.10E-04	1.10E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1599.35	-1104.97	2.00E-05	2.00E-05	2.00E-05	2.00E-05	7.00E-05	7.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608.16	-1382.63	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517.15	-1425.27	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959.77	-846.37	4.00E-05	4.00E-05	4.00E-05	4.00E-05	1.60E-04	1.50E-04	1.30E-04	1.20E-04	1.00E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479.67	224.81	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	4.00E-05	4.00E-05	4.00E-05	4.00E-05	1.60E-04	1.60E-04	1.30E-04	1.20E-04	1.00E-05	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044.83	-34.00	2.00E-05	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+

Phase: 2A
Source Group: Tire Wear / Brake Wear (TB)

		Averaging Period: 1HR_1ST				Averaging Period: 8HR_1ST				Averaging Period: AN			
		PM10				PM10				PM10			
X	Y	2027	2028	2029	2030	2027	2028	2029	2030	2027	2028	2029	2030
-1710.89	-383.91	7.28E-02	6.91E-02	7.28E-02	7.28E-02	1.41E-02	1.34E-02	1.41E-02	1.41E-02	5.90E-04	5.60E-04	5.90E-04	5.90E-04
-1778.03	-291.29	1.02E-01	9.66E-02	1.02E-01	1.02E-01	2.25E-02	2.14E-02	2.25E-02	2.25E-02	7.90E-04	7.50E-04	7.90E-04	7.90E-04
-1732.28	175.05	6.73E-02	6.39E-02	6.73E-02	6.73E-02	8.42E-03	7.99E-03	8.42E-03	8.42E-03	2.80E-04	2.70E-04	2.80E-04	2.80E-04
-1579.43	347.93	3.59E-02	3.41E-02	3.59E-02	3.59E-02	6.28E-03	5.96E-03	6.28E-03	6.28E-03	1.50E-04	1.40E-04	1.50E-04	1.50E-04
-1525.43	516.64	2.47E-02	2.34E-02	2.47E-02	2.47E-02	3.81E-03	3.61E-03	3.81E-03	3.81E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05
-1332.88	500.04	1.74E-02	1.66E-02	1.74E-02	1.74E-02	2.38E-03	2.26E-03	2.38E-03	2.38E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05
-1140.45	476.30	8.05E-03	7.64E-03	8.05E-03	8.05E-03	1.14E-03	1.08E-03	1.14E-03	1.14E-03	5.00E-05	5.00E-05	5.00E-05	5.00E-05
-672.12	353.55	6.92E-03	6.71E-03	6.92E-03	6.92E-03	1.06E-03	1.03E-03	1.06E-03	1.06E-03	4.00E-05	3.00E-05	4.00E-05	4.00E-05
-169.37	170.38	9.97E-03	9.49E-03	9.97E-03	9.97E-03	1.25E-03	1.19E-03	1.25E-03	1.25E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-75.04	299.11	7.08E-03	6.73E-03	7.08E-03	7.08E-03	8.90E-04	8.40E-04	8.90E-04	8.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
49.15	527.20	2.60E-03	2.50E-03	2.60E-03	2.60E-03	3.30E-04	3.10E-04	3.30E-04	3.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
144.22	648.15	2.19E-03	2.12E-03	2.19E-03	2.19E-03	2.70E-04	2.60E-04	2.70E-04	2.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
394.15	623.31	2.12E-03	2.02E-03	2.12E-03	2.12E-03	2.70E-04	2.50E-04	2.70E-04	2.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
501.62	717.12	1.60E-03	1.52E-03	1.60E-03	1.60E-03	2.20E-04	2.10E-04	2.20E-04	2.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
618.47	665.12	2.12E-03	2.01E-03	2.12E-03	2.12E-03	2.60E-04	2.50E-04	2.60E-04	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755.45	579.13	3.45E-03	3.27E-03	3.45E-03	3.45E-03	4.30E-04	4.10E-04	4.30E-04	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867.79	485.41	4.78E-03	4.54E-03	4.78E-03	4.78E-03	6.00E-04	5.70E-04	6.00E-04	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955.03	377.60	5.75E-03	5.48E-03	5.75E-03	5.75E-03	7.20E-04	6.80E-04	7.20E-04	7.20E-04	1.00E-05	0.00E+00	1.00E-05	1.00E-05
1331.68	-165.58	4.10E-03	3.91E-03	4.10E-03	4.10E-03	5.10E-04	4.90E-04	5.10E-04	5.10E-04	1.00E-05	0.00E+00	1.00E-05	1.00E-05
1406.74	-290.13	4.59E-03	4.38E-03	4.59E-03	4.59E-03	5.70E-04	5.50E-04	5.70E-04	5.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1456.20	-436.06	5.73E-03	5.47E-03	5.73E-03	5.73E-03	7.20E-04	6.80E-04	7.20E-04	7.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1209.21	-528.32	6.06E-03	5.77E-03	6.06E-03	6.06E-03	7.60E-04	7.20E-04	7.60E-04	7.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
913.01	-694.67	3.53E-03	3.35E-03	3.53E-03	3.53E-03	4.40E-04	4.20E-04	4.40E-04	4.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
717.24	-664.22	3.78E-03	3.59E-03	3.78E-03	3.78E-03	4.70E-04	4.50E-04	4.70E-04	4.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
544.23	-594.35	4.99E-03	4.74E-03	4.99E-03	4.99E-03	6.20E-04	5.90E-04	6.20E-04	6.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
338.12	-539.73	6.09E-03	5.79E-03	6.09E-03	6.09E-03	7.60E-04	7.20E-04	7.60E-04	7.60E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05
123.44	-529.45	6.10E-03	5.80E-03	6.10E-03	6.10E-03	7.60E-04	7.20E-04	7.60E-04	7.60E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-353.26	-515.05	6.29E-03	6.11E-03	6.29E-03	6.29E-03	8.00E-04	7.80E-04	8.00E-04	8.00E-04	6.00E-05	5.00E-05	6.00E-05	6.00E-05
-537.68	-487.80	9.76E-03	9.47E-03	9.76E-03	9.76E-03	1.61E-03	1.57E-03	1.61E-03	1.61E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05
-775.51	-486.07	1.06E-02	1.03E-02	1.06E-02	1.06E-02	1.85E-03	1.78E-03	1.85E-03	1.85E-03	1.20E-04	1.20E-04	1.20E-04	1.20E-04
-1414.44	-481.50	4.05E-02	3.84E-02	4.05E-02	4.05E-02	7.84E-03	7.44E-03	7.84E-03	7.84E-03	3.00E-04	2.80E-04	3.00E-04	3.00E-04
-1515.21	-320.18	7.46E-02	7.09E-02	7.46E-02	7.46E-02	1.59E-02	1.51E-02	1.59E-02	1.59E-02	1.34E-03	1.28E-03	1.34E-03	1.34E-03
-1749.69	-63.90	1.39E-01	1.32E-01	1.39E-01	1.39E-01	2.32E-02	2.21E-02	2.32E-02	2.32E-02	1.54E-03	1.46E-03	1.54E-03	1.54E-03
-920.57	426.17	1.07E-02	1.02E-02	1.07E-02	1.07E-02	1.36E-03	1.29E-03	1.36E-03	1.36E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-420.73	233.87	8.63E-03	8.19E-03	8.63E-03	8.63E-03	1.08E-03	1.02E-03	1.08E-03	1.08E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05
1090.12	214.10	5.07E-03	4.85E-03	5.07E-03	5.07E-03	6.30E-04	6.10E-04	6.30E-04	6.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1183.39	65.17	2.89E-03	2.76E-03	2.89E-03	2.89E-03	3.60E-04	3.50E-04	3.60E-04	3.60E-04	1.00E-05	0.00E+00	1.00E-05	1.00E-05
1055.30	-577.42	5.60E-03	5.34E-03	5.60E-03	5.60E-03	7.00E-04	6.70E-04	7.00E-04	7.00E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-103.02	-518.78	6.09E-03	5.78E-03	6.09E-03	6.09E-03	7.60E-04	7.20E-04	7.60E-04	7.60E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05
-1076.39	-488.67	1.90E-02	1.81E-02	1.90E-02	1.90E-02	2.40E-03	2.28E-03	2.40E-03	2.40E-03	1.70E-04	1.70E-04	1.70E-04	1.70E-04
-4113.79	-1330.97	4.22E-03	4.01E-03	4.22E-03	4.22E-03	6.90E-04	6.50E-04	6.90E-04	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	3.44E-03	3.27E-03	3.44E-03	3.44E-03	4.30E-04	4.10E-04	4.30E-04	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	5.37E-03	5.11E-03	5.37E-03	5.37E-03	8.60E-04	8.20E-04	8.60E-04	8.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	4.06E-03	3.85E-03	4.06E-03	4.06E-03	5.80E-04	5.50E-04	5.80E-04	5.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-2734.69	227.40	1.38E-02	1.31E-02	1.38E-02	1.38E-02	2.53E-03	2.40E-03	2.53E-03	2.53E-03	2.00E-05	1.00E-05	2.00E-05	2.00E-05
-2371.11	-69.21	1.70E-02	1.62E-02	1.70E-02	1.70E-02	3.63E-03	3.46E-03	3.63E-03	3.63E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-2146.26	177.17	2.89E-02	2.75E-02	2.89E-02	2.89E-02	3.72E-03	3.53E-03	3.72E-03	3.72E-03	4.00E-05	3.00E-05	4.00E-05	4.00E-05
-1919.02	445.07	2.11E-02	2.00E-02	2.11E-02	2.11E-02	2.84E-03	2.69E-03	2.84E-03	2.84E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-1651.12	607.72	1.95E-02	1.85E-02	1.95E-02	1.95E-02	2.93E-03	2.78E-03	2.93E-03	2.93E-03	4.00E-05	4.00E-05	4.00E-05	4.00E-05
-3361.39	677.09	5.50E-03	5.23E-03	5.50E-03	5.50E-03	1.13E-03	1.08E-03	1.13E-03	1.13E-03	1.00E-05	0.00E+00	1.00E-05	1.00E-05
-3026.51	724.93	9.96E-03	9.46E-03	9.96E-03	9.96E-03	1.24E-03	1.18E-03	1.24E-03	1.24E-03	1.00E-05	0.00E+00	1.00E-05	1.00E-05
-1679.82	1478.41	7.61E-03	7.22E-03	7.61E-03	7.61E-03	9.60E-04	9.10E-04	9.60E-04	9.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-922.86	446.42	1.07E-02	1.02E-02	1.07E-02	1.07E-02	1.36E-03	1.29E-03	1.36E-03	1.36E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-1799.42	1088.51	1.08E-02	1.02E-02	1.08E-02	1.08E-02	1.34E-03	1.28E-03	1.34E-03	1.34E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-359.36	1846.44	1.38E-03	1.31E-03	1.38E-03	1.38E-03	1.90E-04	1.80E-04	1.90E-04	1.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
671.30	-742.78	2.32E-03	2.20E-03	2.32E-03	2.32E-03	2.90E-04	2.80E-04	2.90E-04	2.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1565.55	-932.22	1.91E-02	1.81E-02	1.91E-02	1.91E-02	3.41E-03	3.24E-03	3.41E-03	3.41E-03	8.00E-05	7.00E-05	8.00E-05	8.00E-05
-1733.02	-528.24	4.43E-02	4.21E-02	4.43E-02	4.43E-02	8.08E-03	7.67E-03	8.08E-03	8.08E-03	2.50E-04	2.30E-04	2.50E-04	2.50E-04
-1261.46	-507.67	2.98E-02	2.83E-02	2.98E-02	2.98E-02	4.90E-03	4.65E-03	4.90E-03	4.90E-03	2.20E-04	2.00E-04	2.20E-04	2.20E-04
-883.92	-503.26	1.21E-02	1.15E-02	1.21E-02	1.21E-02	2.77E-03	2.65E-03	2.77E-03	2.77E-03	1.40E-04	1.30E-04	1.40E-04	1.40E-04
1599.35	-1104.97	1.39E-03	1.33E-03	1.39E-03	1.39E-03	1.70E-04	1.70E-04	1.70E-04	1.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1608.16	-1382.63	1.50E-03	1.43E-03	1.50E-03	1.50E-03	1.90E-04	1.80E-04	1.90E-04	1.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
3517.15	-1425.27	9.70E-04	9.30E-04	9.70E-04	9.70E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959.77	-846.37	2.91E-03	2.78E-03	2.91E-03	2.91E-03	3.60E-04	3.50E-04	3.60E-04	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479.67	224.81	9.50E-04	9.10E-04	9.50E-04	9.50E-04	1.40E-04	1.30E-04	1.40E-04	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	2.62E-03	2.49E-03	2.62E-03	2.62E-03	3.30E-04	3.10E-04	3.30E-04	3.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05
3044.83	-34.00	1.50E-03	1.43E-03	1.50E-03	1.50E-03	1.90E-04	1.80E-04	1.90E-04	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	1.00E-05	1.00E-05
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	4.00E-05	4.00E-05	4.00E-05
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	3.00E-05
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Phase: 2B
Source Group: Diesel Exhaust

		Averaging Period: 1HR_1ST										Averaging Period: 8HR_1ST										Averaging Period: AN									
		PM10					VOC					PM10					VOC					PM10					VOC				
X	Y	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035
-1710.89	-383.91	1.30E-03	1.31E-03	1.31E-03	1.32E-03	1.32E-03	1.74E-03	1.74E-03	1.74E-03	1.75E-03	1.75E-03	2.30E-04	2.40E-04	2.40E-04	2.40E-04	2.40E-04	3.10E-04	3.10E-04	3.20E-04	3.20E-04	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1778.03	-291.29	1.27E-03	1.28E-03	1.29E-03	1.29E-03	1.29E-03	1.70E-03	1.71E-03	1.71E-03	1.71E-03	1.71E-03	2.50E-04	2.50E-04	2.60E-04	2.60E-04	2.60E-04	3.40E-04	3.40E-04	3.40E-04	3.40E-04	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1732.28	175.05	1.70E-03	1.71E-03	1.72E-03	1.73E-03	1.73E-03	2.27E-03	2.28E-03	2.28E-03	2.29E-03	2.29E-03	3.20E-04	3.20E-04	3.20E-04	3.20E-04	3.20E-04	4.30E-04	4.30E-04	4.30E-04	4.30E-04	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1579.43	347.93	1.96E-03	1.98E-03	1.98E-03	1.99E-03	1.99E-03	2.62E-03	2.63E-03	2.63E-03	2.64E-03	2.64E-03	2.40E-04	2.50E-04	2.50E-04	2.50E-04	2.50E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1525.43	516.64	1.60E-03	1.62E-03	1.62E-03	1.63E-03	1.63E-03	2.14E-03	2.15E-03	2.16E-03	2.16E-03	2.16E-03	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	3.10E-04	3.10E-04	3.10E-04	3.10E-04	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1332.88	500.04	1.67E-03	1.69E-03	1.69E-03	1.70E-03	1.70E-03	2.24E-03	2.24E-03	2.25E-03	2.25E-03	2.25E-03	2.40E-04	2.40E-04	2.40E-04	2.40E-04	2.40E-04	3.20E-04	3.20E-04	3.20E-04	3.20E-04	3.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1140.45	476.30	1.94E-03	1.95E-03	1.96E-03	1.97E-03	1.97E-03	2.59E-03	2.60E-03	2.60E-03	2.61E-03	2.61E-03	2.70E-04	2.70E-04	2.70E-04	2.80E-04	2.80E-04	3.60E-04	3.60E-04	3.60E-04	3.60E-04	3.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-672.12	353.55	1.11E-03	1.11E-03	1.12E-03	1.12E-03	1.12E-03	1.48E-03	1.48E-03	1.49E-03	1.49E-03	1.49E-03	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	2.10E-04	2.10E-04	2.20E-04	2.20E-04	2.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-169.37	170.38	1.11E-03	1.12E-03	1.12E-03	1.13E-03	1.13E-03	1.48E-03	1.49E-03	1.49E-03	1.49E-03	1.49E-03	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-75.04	299.11	7.20E-04	7.20E-04	7.30E-04	7.30E-04	7.30E-04	9.60E-04	9.60E-04	9.70E-04	9.70E-04	9.70E-04	9.00E-05	9.00E-05	9.00E-05	9.00E-05	9.00E-05	1.20E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49.15	527.20	4.00E-04	4.10E-04	4.10E-04	4.10E-04	4.10E-04	5.40E-04	5.40E-04	5.40E-04	5.40E-04	5.40E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144.22	648.15	4.10E-04	4.10E-04	4.10E-04	4.20E-04	4.20E-04	5.50E-04	5.50E-04	5.50E-04	5.50E-04	5.50E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394.15	623.31	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501.62	717.12	1.90E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04	2.50E-04	2.60E-04	2.60E-04	2.60E-04	2.60E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618.47	665.12	2.10E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755.45	579.13	3.00E-04	3.00E-04	3.10E-04	3.10E-04	3.10E-04	4.00E-04	4.00E-04	4.00E-04	4.10E-04	4.10E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867.79	485.41	3.70E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04	4.90E-04	4.90E-04	4.90E-04	5.00E-04	5.00E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955.03	377.60	4.00E-04	4.10E-04	4.10E-04	4.10E-04	4.10E-04	5.40E-04	5.40E-04	5.40E-04	5.40E-04	5.40E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331.68	-165.58	3.40E-04	3.40E-04	3.40E-04	3.50E-04	3.50E-04	4.50E-04	4.60E-04	4.60E-04	4.60E-04	4.60E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406.74	-290.13	3.70E-04	3.70E-04	3.70E-04	3.80E-04	3.80E-04	4.90E-04	5.00E-04	5.00E-04	5.00E-04	5.00E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456.20	-436.06	3.60E-04	3.60E-04	3.70E-04	3.70E-04	3.70E-04	4.80E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209.21	-528.32	3.60E-04	3.60E-04	3.70E-04	3.70E-04	3.70E-04	4.80E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913.01	-694.67	2.30E-04	2.30E-04	2.30E-04	2.40E-04	2.40E-04	3.10E-04	3.10E-04	3.10E-04	3.10E-04	3.10E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717.24	-664.22	2.40E-04	2.50E-04	2.50E-04	2.50E-04	2.50E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544.23	-594.35	3.10E-04	3.20E-04	3.20E-04	3.20E-04	3.20E-04	4.20E-04	4.20E-04	4.20E-04	4.20E-04	4.20E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338.12	-539.73	3.80E-04	3.80E-04	3.80E-04	3.90E-04	3.90E-04	5.10E-04	5.10E-04	5.10E-04	5.10E-04	5.10E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123.44	-529.45	4.30E-04	4.40E-04	4.40E-04	4.40E-04	4.40E-04	5.80E-04	5.80E-04	5.80E-04	5.80E-04	5.80E-04	5.00E-05	5.00E-05	5.00E-05	6.00E-05	6.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-353.26	-515.05	9.90E-04	1.00E-03	1.01E-03	1.01E-03	1.01E-03	1.33E-03	1.34E-03	1.34E-03	1.34E-03	1.34E-03	1.20E-04	1.30E-04	1.30E-04	1.30E-04	1.30E-04	1.70E-04	1.70E-04	1.70E-04	1.70E-04	1.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-537.68	-487.80	1.56E-03	1.57E-03	1.58E-03	1.58E-03	1.58E-03	2.08E-03	2.09E-03	2.09E-03	2.10E-03	2.10E-03	2.60E-04	2.60E-04	2.60E-04	2.60E-04	2.60E-04	3.50E-04	3.50E-04	3.50E-04	3.50E-04	3.50E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-775.51	-486.07	2.44E-03	2.46E-03	2.47E-03	2.48E-03	2.48E-03	3.27E-03	3.28E-03	3.28E-03	3.29E-03	3.29E-03	4.80E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	6.50E-04	6.50E-04	6.50E-04	6.50E-04	6.50E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-1414.44	-481.50	1.84E-03	1.86E-03	1.87E-03	1.88E-03	1.88E-03	2.47E-03	2.47E-03	2.48E-03	2.48E-03	2.48E-03	2.60E-04	2.60E-04	2.60E-04	2.70E-04	2.70E-04	3.50E-04	3.50E-04	3.50E-04	3.50E-04	3.50E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1515.21	-320.18	1.88E-03	1.89E-03	1.90E-03	1.91E-03	1.91E-03	2.51E-03	2.52E-03	2.53E-03	2.53E-03	2.53E-03	3.40E-04	3.50E-04	3.50E-04	3.50E-04	3.50E-04	4.60E-04	4.60E-04	4.60E-04	4.60E-04	4.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1749.69	-63.90	1.62E-03	1.64E-03	1.65E-03	1.65E-03	1.65E-03	2.17E-03	2.18E-03	2.18E-03	2.19E-03	2.19E-03	2.80E-04	2.80E-04	2.80E-04	2.80E-04	2.80E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-920.57	426.17	1.99E-03	2.01E-03	2.02E-03	2.02E-03	2.02E-03	2.66E-03	2.67E-03	2.68E-03	2.68E-03	2.68E-03	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	5.10E-04	5.10E-04	5.10E-04	5.10E-04	5.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-420.73	233.87	9.50E-04	9.60E-04	9.70E-04	9.70E-04	9.70E-04	1.28E-03	1.28E-03	1.28E-03	1.28E-03	1.28E-03	1.20E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1090.12	214.10	3.60E-04	3.60E-04	3.70E-04	3.70E-04	3.70E-04	4.80E-04	4.80E-04	4.90E-04	4.90E-04	4.90E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183.39	65.17	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.70E-04	3.60E-04	3.60E-04	3.60E-04	3.60E-04	3.60E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055.30	-577.42	3.40E-04	3.40E-04	3.40E-04	3.50E-04	3.50E-04	4.50E-04	4.60E-04	4.60E-04	4.60E-04	4.60E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-103.02	-518.78	6.80E-04	6.80E-04	6.90E-04	6.90E-04	6.90E-04	9.10E-04	9.10E-04	9.10E-04	9.10E-04	9.10E-04	8.00E-05	9.00E-05	9.00E-05	9.00E-05	9.00E-05	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1076.39	-488.67	2.82E-03	2.84E-03	2.85E-03	2.87E-03	2.87E-03	3.77E-03	3.78E-03	3.79E-03	3.79E-03	3.79E-03	5.50E-04	5.50E-04	5.50E-04	5.60E-04	5.60E-04	7.30E-04	7.30E-04	7.30E-04	7.40E-04	7.40E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-4113.79	-1330.97	1.90E-04	1.90E-04	1.90E-04	2.00E-04	2.00E-04	2.60E-04	2.60E-04	2.60E-04	2.60E-04	2.60E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	1.50E-04	1.50E-04	1.50E-04	1.60E-04	1.60E-04	2.00E-04	2.00E-04	2.10E-04	2.10E-04	2.10E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	2.50E-04	2.50E-04	2.50E-04	2.50E-04	2.50E-04	3.30E-04	3.30E-04	3.30E-04	3.40E-04	3.40E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	6.10E-04	6.10E-04	6.20E-04	6.20E-04	6.20E-04	8.20E-04	8.20E-04	8.20E-04	8.20E-04	8.20E-04	8.00E-05	8.00E-05	8.00E-05	8.00E-05	8.00E-05	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2734.69	227.40	4.40E-04	4.40E-04	4.40E-04	4.50E-04	4.50E-04	5.90E-04	5.90E-04	5.90E-04	5.90E-04	5.90E-04	8.00E-05	8.00E-05	8.00E-05	8.00E-05	8.00E-05	1.00E-04	1.00E-04	1.10E-04	1.10E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2371.11	-69.21	7.30E-04	7.30E-04	7.40E-04	7.40E-04	7.40E-04	9.70E-04	9.70E-04	9.80E-04	9.80E-04	9.80E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2146.26	177.17	8.90E-04	9.00E-04	9.00E-04	9.00E-04	9.00E-04	1.19E-03	1.19E-03	1.19E-03	1.20E-03	1.20E-03	1.50E-04	1.50E-04	1.50E-04	1.50E-04	1.50E-04	2.00E-04	2.00E-04	2.00E-04	2.00E-04	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1919.02	445.07	1.16E-03	1.17E-03	1.17E-03	1.18E-03	1.18E-03	1.55E-03	1.56E-03	1.56E-03	1.56E-03	1.56E-03	1.40E-04	1.50E-04	1.50E-04	1.50E-04	1.50E-04	1.90E-04	1.90E-04	1.90E-04	2.00E-04	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1651.12	607.72	1.27E-03	1.28E-03	1.29E-03	1.29E-03	1.29E-03	1.70E-03	1.70E-03	1.71E-03	1.71E-03	1.71E-03	1.60E-04	1.60E-04	1.60E-04	1.70E-04	1.70E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3361.39	677.09	3.60E-04	3.60E-04	3.60E-04	3.60E-04	3.60E-04	4.80E-04	4.80E-04	4.80E-04	4.80E-04	4.80E-04	6.00E-05	6.00E-05	6.00E-05	7.00E-05	7.00E-05	9.00E-05	9.00E-05	9.00E-05	9.00E-05	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3026.51	724.93	3.70E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	8.00E-05	8.00E-05	8.00E-05	8.00E-05	8.00E-05	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1679.82	1478.41	2.20E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	3.00E-04	3.00E-04	3.00E-04	3.00E-04	3.00E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-922.86	446.42	1.91E-03	1.93E-03	1.94E-03	1.95E-03	1.95E-03	2.56E-03	2.57E-03	2.58E-03	2.58E-03	2.58E-03	3.70E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1799.42	1088.51	7.30E-04	7.40E-04	7.40E-04	7.40E-04	7.40E-04	9.80E-04	9.80E-04	9.80E-04	9.80E-04	9.80E-04	1.00E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-359.36	1846.44	3.70E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	4.90E-04	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E

Phase: 2B
Source Group: Fugitive

		Averaging Period: 1HR_1ST										Averaging Period: 8HR_1ST										Averaging Period: AN									
		PM10					VOC					PM10					VOC					PM10					VOC				
X	Y	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035
-1710.89	-383.91	4.12E+00	4.12E+00	4.12E+00	4.12E+00	4.12E+00	2.34E-01	2.34E-01	2.34E-01	2.34E-01	2.34E-01	7.25E-01	7.25E-01	7.25E-01	7.25E-01	7.25E-01	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02	7.89E-03	7.89E-03	7.89E-03	7.89E-03	7.89E-03	4.50E-04	4.50E-04	4.50E-04	4.50E-04	4.50E-04
-1778.03	-291.29	4.02E+00	4.02E+00	4.02E+00	4.02E+00	4.02E+00	2.28E-01	2.28E-01	2.28E-01	2.28E-01	2.28E-01	6.70E-01	6.70E-01	6.70E-01	6.70E-01	6.70E-01	3.81E-02	3.81E-02	3.81E-02	3.81E-02	3.81E-02	6.89E-03	6.89E-03	6.89E-03	6.89E-03	6.89E-03	3.90E-04	3.90E-04	3.90E-04	3.90E-04	3.90E-04
-1732.28	175.05	5.51E+00	5.51E+00	5.51E+00	5.51E+00	5.51E+00	3.13E-01	3.13E-01	3.13E-01	3.13E-01	3.13E-01	1.04E+00	1.04E+00	1.04E+00	1.04E+00	1.04E+00	5.93E-02	5.93E-02	5.93E-02	5.93E-02	5.93E-02	6.57E-03	6.57E-03	6.57E-03	6.57E-03	6.57E-03	3.70E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04
-1579.43	347.93	6.42E+00	6.42E+00	6.42E+00	6.42E+00	6.42E+00	3.65E-01	3.65E-01	3.65E-01	3.65E-01	3.65E-01	8.03E-01	8.03E-01	8.03E-01	8.03E-01	8.03E-01	4.56E-02	4.56E-02	4.56E-02	4.56E-02	4.56E-02	4.46E-03	4.46E-03	4.46E-03	4.46E-03	4.46E-03	2.50E-04	2.50E-04	2.50E-04	2.50E-04	2.50E-04
-1525.43	516.64	5.53E+00	5.53E+00	5.53E+00	5.53E+00	5.53E+00	3.14E-01	3.14E-01	3.14E-01	3.14E-01	3.14E-01	7.47E-01	7.47E-01	7.47E-01	7.47E-01	7.47E-01	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.69E-03	4.69E-03	4.69E-03	4.69E-03	4.69E-03	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.70E-04
-1332.88	500.04	4.49E+00	4.49E+00	4.49E+00	4.49E+00	4.49E+00	2.55E-01	2.55E-01	2.55E-01	2.55E-01	2.55E-01	6.09E-01	6.09E-01	6.09E-01	6.09E-01	6.09E-01	3.46E-02	3.46E-02	3.46E-02	3.46E-02	3.46E-02	5.71E-03	5.71E-03	5.71E-03	5.71E-03	5.71E-03	3.20E-04	3.20E-04	3.20E-04	3.20E-04	3.20E-04
-1140.45	476.30	5.94E+00	5.94E+00	5.94E+00	5.94E+00	5.94E+00	3.38E-01	3.38E-01	3.38E-01	3.38E-01	3.38E-01	7.43E-01	7.43E-01	7.43E-01	7.43E-01	7.43E-01	4.22E-02	4.22E-02	4.22E-02	4.22E-02	4.22E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	6.70E-04	6.70E-04	6.70E-04	6.70E-04	6.70E-04
-672.12	353.55	2.98E+00	2.98E+00	2.98E+00	2.98E+00	2.98E+00	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	4.28E-01	4.28E-01	4.28E-01	4.28E-01	4.28E-01	2.43E-02	2.43E-02	2.43E-02	2.43E-02	2.43E-02	1.96E-02	1.96E-02	1.96E-02	1.96E-02	1.96E-02	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03
-169.37	170.38	3.38E+00	3.38E+00	3.38E+00	3.38E+00	3.38E+00	1.92E-01	1.92E-01	1.92E-01	1.92E-01	1.92E-01	4.22E-01	4.22E-01	4.22E-01	4.22E-01	4.22E-01	2.40E-02	2.40E-02	2.40E-02	2.40E-02	2.40E-02	4.55E-03	4.55E-03	4.55E-03	4.55E-03	4.55E-03	2.60E-04	2.60E-04	2.60E-04	2.60E-04	2.60E-04
-75.04	299.11	1.67E+00	1.67E+00	1.67E+00	1.67E+00	1.67E+00	9.51E-02	9.51E-02	9.51E-02	9.51E-02	9.51E-02	2.09E-01	2.09E-01	2.09E-01	2.09E-01	2.09E-01	1.19E-02	1.19E-02	1.19E-02	1.19E-02	1.19E-02	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	1.90E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04
49.15	527.20	9.51E-01	9.51E-01	9.51E-01	9.51E-01	9.51E-01	5.40E-02	5.40E-02	5.40E-02	5.40E-02	5.40E-02	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	2.70E-03	2.70E-03	2.70E-03	2.70E-03	2.70E-03	1.50E-04	1.50E-04	1.50E-04	1.50E-04	1.50E-04
144.22	648.15	1.13E+00	1.13E+00	1.13E+00	1.13E+00	1.13E+00	6.43E-02	6.43E-02	6.43E-02	6.43E-02	6.43E-02	1.41E-01	1.41E-01	1.41E-01	1.41E-01	1.41E-01	8.04E-03	8.04E-03	8.04E-03	8.04E-03	8.04E-03	2.43E-03	2.43E-03	2.43E-03	2.43E-03	2.43E-03	1.40E-04	1.40E-04	1.40E-04	1.40E-04	1.40E-04
394.15	623.31	5.03E-01	5.03E-01	5.03E-01	5.03E-01	5.03E-01	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	6.66E-02	6.66E-02	6.66E-02	6.66E-02	6.66E-02	3.78E-03	3.78E-03	3.78E-03	3.78E-03	3.78E-03	1.49E-03	1.49E-03	1.49E-03	1.49E-03	1.49E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05	8.00E-05
501.62	717.12	4.14E-01	4.14E-01	4.14E-01	4.14E-01	4.14E-01	2.35E-02	2.35E-02	2.35E-02	2.35E-02	2.35E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	3.18E-03	3.18E-03	3.18E-03	3.18E-03	3.18E-03	1.33E-03	1.33E-03	1.33E-03	1.33E-03	1.33E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05	8.00E-05
618.47	665.12	4.61E-01	4.61E-01	4.61E-01	4.61E-01	4.61E-01	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	5.85E-02	5.85E-02	5.85E-02	5.85E-02	5.85E-02	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	1.13E-03	1.13E-03	1.13E-03	1.13E-03	1.13E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05
755.45	579.13	6.08E-01	6.08E-01	6.08E-01	6.08E-01	6.08E-01	3.45E-02	3.45E-02	3.45E-02	3.45E-02	3.45E-02	7.60E-02	7.60E-02	7.60E-02	7.60E-02	7.60E-02	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	1.06E-03	1.06E-03	1.06E-03	1.06E-03	1.06E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05
867.79	485.41	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	6.17E-02	6.17E-02	6.17E-02	6.17E-02	6.17E-02	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05
955.03	377.60	1.46E+00	1.46E+00	1.46E+00	1.46E+00	1.46E+00	8.27E-02	8.27E-02	8.27E-02	8.27E-02	8.27E-02	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.24E-03	1.24E-03	1.24E-03	1.24E-03	1.24E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05
1331.68	-165.58	1.06E+00	1.06E+00	1.06E+00	1.06E+00	1.06E+00	6.00E-02	6.00E-02	6.00E-02	6.00E-02	6.00E-02	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	7.50E-03	7.50E-03	7.50E-03	7.50E-03	7.50E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	1.26E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05
1406.74	-290.13	1.34E+00	1.34E+00	1.34E+00	1.34E+00	1.34E+00	7.60E-02	7.60E-02	7.60E-02	7.60E-02	7.60E-02	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	9.50E-03	9.50E-03	9.50E-03	9.50E-03	9.50E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03	1.31E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05
1456.20	-436.06	1.34E+00	1.34E+00	1.34E+00	1.34E+00	1.34E+00	7.60E-02	7.60E-02	7.60E-02	7.60E-02	7.60E-02	1.67E-01	1.67E-01	1.67E-01	1.67E-01	1.67E-01	9.50E-03	9.50E-03	9.50E-03	9.50E-03	9.50E-03	1.38E-03	1.38E-03	1.38E-03	1.38E-03	1.38E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05	8.00E-05
1209.21	-528.32	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00	6.17E-02	6.17E-02	6.17E-02	6.17E-02	6.17E-02	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	1.70E-03	1.70E-03	1.70E-03	1.70E-03	1.70E-03	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
913.01	-694.67	3.88E-01	3.88E-01	3.88E-01	3.88E-01	3.88E-01	2.21E-02	2.21E-02	2.21E-02	2.21E-02	2.21E-02	4.85E-02	4.85E-02	4.85E-02	4.85E-02	4.85E-02	2.76E-03	2.76E-03	2.76E-03	2.76E-03	2.76E-03	2.63E-03	2.63E-03	2.63E-03	2.63E-03	2.63E-03	1.50E-04	1.50E-04	1.50E-04	1.50E-04	1.50E-04
717.24	-664.22	4.34E-01	4.34E-01	4.34E-01	4.34E-01	4.34E-01	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	5.43E-02	5.43E-02	5.43E-02	5.43E-02	5.43E-02	3.09E-03	3.09E-03	3.09E-03	3.09E-03	3.09E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	1.90E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04
544.23	-594.35	4.61E-01	4.61E-01	4.61E-01	4.61E-01	4.61E-01	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	5.77E-02	5.77E-02	5.77E-02	5.77E-02	5.77E-02	3.28E-03	3.28E-03	3.28E-03	3.28E-03	3.28E-03	3.95E-03	3.95E-03	3.95E-03	3.95E-03	3.95E-03	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04
338.12	-539.73	5.15E-01	5.15E-01	5.15E-01	5.15E-01	5.15E-01	2.93E-02	2.93E-02	2.93E-02	2.93E-02	2.93E-02	7.18E-02	7.18E-02	7.18E-02	7.18E-02	7.18E-02	4.08E-03	4.08E-03	4.08E-03	4.08E-03	4.08E-03	5.29E-03	5.29E-03	5.29E-03	5.29E-03	5.29E-03	3.00E-04	3.00E-04	3.00E-04	3.00E-04	3.00E-04
123.44	-529.45	1.05E+00	1.05E+00	1.05E+00	1.05E+00	1.05E+00	5.97E-02	5.97E-02	5.97E-02	5.97E-02	5.97E-02	1.31E-01	1.31E-01	1.31E-01	1.31E-01	1.31E-01	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	8.31E-03	8.31E-03	8.31E-03	8.31E-03	8.31E-03	4.70E-04	4.70E-04	4.70E-04	4.70E-04	4.70E-04
-353.26	-515.05	3.50E+00	3.50E+00	3.50E+00	3.50E+00	3.50E+00	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01	2.49E-02	2.49E-02	2.49E-02	2.49E-02	2.49E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	1.34E-03	1.34E-03	1.34E-03	1.34E-03	1.34E-03
-537.68	-487.80	5.25E+00	5.25E+00	5.25E+00	5.25E+00	5.25E+00	2.98E-01	2.98E-01	2.98E-01	2.98E-01	2.98E-01	6.72E-01	6.72E-01	6.72E-01	6.72E-01	6.72E-01	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.82E-02	3.25E-02	3.25E-02	3.25E-02	3.25E-02	3.25E-02	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03
-775.51	-486.07	7.84E+00	7.84E+00	7.84E+00	7.84E+00	7.84E+00	4.46E-01	4.46E-01	4.46E-01	4.46E-01	4.46E-01	1.39E+00	1.39E+00	1.39E+00	1.39E+00	1.39E+00	7.90E-02	7.90E-02	7.90E-02	7.90E-02	7.90E-02	3.94E-02	3.94E-02	3.94E-02	3.94E-02	3.94E-02	2.24E-03	2.24E-03	2.24E-03	2.24E-03	2.24E-03
-1414.44	-481.50	5.73E+00	5.73E+00	5.73E+00	5.73E+00	5.73E+00	3.26E-01	3.26E-01	3.26E-01	3.26E-01	3.26E-01	7.27E-01	7.27E-01	7.27E-01	7.27E-01	7.27E-01	4.13E-02	4.13E-02	4.13E-02	4.13E-02	4.13E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	8.30E-04	8.30E-04	8.30E-04	8.30E-04	8.30E-04
-1515.21	-320.18	5.59E+00	5.59E+00	5.59E+00	5.59E+00	5.59E+00	3.18E-01	3.18E-01	3.18E-01	3.18E-01	3.18E-01	1.01E+00	1.01E+00	1.01E+00	1.01E+00	1.01E+00	5.76E-02	5.76E-02	5.76E-02	5.76E-02	5.76E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	7.80E-04	7.80E-04	7.80E-04	7.80E-04	7.80E-04
-1749.69	-63.90	5.03E+00	5.03E+00	5.03E+00	5.03E+00	5.03E+00	2.86E-01	2.86E-01	2.86E-01	2.86E-01	2.86E-01	8.55E-01	8.55E-01	8.55E-01	8.55E-01	8.55E-01	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02	6.49E-03	6.49E-03	6.49E-03	6.49E-03	6.49E-03	3.70E-04	3.70E-04	3.70E-04	3.70E-04	3.70E-04
-920.57	426.17	5.74E+00	5.74E+00	5.74E+00	5.74E+00	5.74E+00	3.26E-01	3.26E-01	3.26E-01	3.26E-01	3.26E-01	1.01E+00	1.01E+00	1.01E+00	1.01E+00	1.01E+00	5.76E-02	5.76E-02	5.76E-02	5.76E-02	5.76E-02	2.35E-02	2.35E-02	2.35E-02	2.35E-02	2.35E-02	1.33E-03	1.33E-03	1.33E-03	1.33E-03	1.33E-03
-420.73	233.87	2.42E+00	2.42E+00	2.42E+00	2.42E+00	2.42E+00	1.37E-01	1.37E-01	1.37E-01	1.37E-01	1.37E-01	3.03E-01	3.03E-01	3.03E-01	3.03E-01	3.03E-01	1.72E-02	1.72E-02	1.72E-02	1.72E-02	1.72E-02	9.41E-03	9.41E-03	9.41E-03	9.41E-03	9.41E-03	5.30E-04	5.30E-04	5.30E-04	5.30E-04	5.30E-04
1090.12	214.10	1.23E+00	1.23E+00	1.23E+00	1.23E+00	1.23E+00	7.00E-02	7.00E-02	7.00E-02	7.00E-02	7.00E-02	1.54E-01	1.54E-01	1.54E-01	1.54E-01	1.54E-01	8.75E-03	8.75E-03	8.75E-03	8.75E-03	8.75E-03	1.28E-03	1.28E-03	1.28E-03	1.28E-03	1.28E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05
1183.39	65.17	6.15E-01	6.15E-01	6.15E-01	6.15E-01	6.15E-01	3.50E-02	3.50E-02	3.50E-02	3.50E-02	3.50E-02	7.69E-02	7.69E-02	7.69E-02	7.69E-02	7.69E-02	4.37E-03	4.37E-03	4.37E-03	4.37E-03	4.37E-03	1.24E-03	1.24E-03	1.24E-03	1.24E-03	1.24E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05
1055.30	-577.42	8.00E-01	8.00E-01	8.00E-01	8.00E-01	8.00E-01	4.54E-02	4.54E-02	4.54E-02	4.54E-02	4.54E-02	1.00E-01	1.00E-01	1.00E-01	1.00E-01	1.00E-01	5.68E-03	5.68E-03	5.68E-03	5.68E-03	5.68E-03	1.99E-03	1.99E-03	1.99E-03	1.99E-03	1.99E-03	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04
-103.02	-518.78	2.22E+00	2.22E+00	2.22E+00	2.22E+00	2.22E+00	1.26E-01	1.26E-01	1.26E-01	1.26E-01	1.26E-01	2.78E-01	2.78E-01	2.78E-01	2.78E-01	2.78E-01	1.58E-02	1.58E-02	1.58E-02	1.58E-02	1.58E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	1.41E-02	8.00E-04	8.00E-04	8.00E-04	8.00E-04	8.00E-04
-1076.39	-488.67	8.02E+00	8.02E+00	8.02E+00	8.02E+00	8.02E+00	4.56E-01	4.56E-01	4.56E-01	4.56E-01	4.56E-01	1.51E+00	1.51E+00	1.51E+00	1.51E+00	1.51E+00	8.56E-02	8.56E-02	8.56E-02	8.56E-02	8.56E-02	5.00E-02	5.00E-02	5.00E-02	5.00E-02	5.00E-02	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
-4113.79	-1330.97	7.27E-01	7.27E-01	7.27E-01	7.27E-01	7.27E-01	4.13E-02	4.13E-02	4.13E-02	4.13E-02	4.13E-02	9.38E-02	9.38E-02	9.38E-02	9.38E-02	9.38E-02	5.33E-03	5.33E-03	5.33E-03	5.33E-03	5.33E-03	7.20E-04	7.20E-04	7.20E-04	7.20E-04	7.20E-04	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05
-5050.04	-958.41	5.83E-01	5.83E-01	5.83E-01	5.83E-01	5.83E-01	3.31E-02	3.31E-02	3.31E-02	3.31E-02	3.31E-02	7.29E-02	7.29E-02	7.29E-02	7.29E-02	7.29E-02	4.14E-03	4.14E-03	4.14E-03	4.14E-03	4.14E-03	4.60E-04	4.60E-04	4.60E-04	4.60E-04	4.60E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-4023.97	-112.26	8.97E-01	8.97E-01	8.97E-01	8.97E-01	8.97E-01	5.10E-02	5.10E-02	5.10E-02	5.10E-02	5.10E-02	1.12E-01	1.12E-01	1.12E-01	1.12E-01	1.12E-01	6.37E-03	6.37E-03	6.37E-03	6.37E-03	6.37E-03	6.10E-04	6.10E-04	6.10E-04	6.10E-04	6.10E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-2122.34	995.23	2.21E+00	2.21E+00	2.21E+00	2.21E+00	2.21E+00	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01	2.76E-01	1.57E-02	1.57E-02	1.57E-02	1.57E-02	1.57E-02	1.14E-03	1.14E-03	1.14E-03	1.14E-03	1.14E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05
-2734.69	227.40	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00	8.93E-02	8.93E-02	8.93E-02	8.93E-02	8.93E-02	2.23E-01	2.23E-01	2.23E-01	2.23E-01	2.23E-01	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.67E-03	1.67E-03	1.67E-03	1.67E-03	1.67E-03	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
-2371.11	-69.21	2.47E+00	2.47E+00	2.47E+00	2.47E+00	2.47E+00	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	3.83E-01	3.83E-01	3.83E-01	3.83E-01	3.83E-01	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03	1.20E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04
-2146.26	177.17	2.75E+00	2.75E+00	2.75E+00	2.75E+00	2.75E+00	1.56E-01	1.56E-01	1.56E-01	1.56E-01	1.56E-01	3.96E-01	3.96E-01	3.96E-01	3.96E-01	3.96E-01	2.25E-02	2.25E-02	2.25E-02	2.25E-02	2.25E-02	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	2.00E-04	2.00E-04	2.00E-04	2.00E-04	2.00E-04
-1919.02	445.07	3.95E+00	3.95E+00	3.95E+00	3.95E+00	3.95E+00	2.24E-01	2.24E-01	2.24E-01	2.24E-01	2.24E-01	4.93E-01	4.93E-01	4.93E-01	4.93E-01	4.93E-01	2.80E-02	2.80E-02	2.80E-02	2.80E-02	2.80E-02	2.29E-03	2.29E-03	2.29E-03	2.29E-03	2.29E-03	1.30E-04	1.30E-04	1.30E-04	1.30E-04	1.30E-04
-1651.12	607.72	4.56E+00	4.56E+00	4.56E+00	4.56E+00	4.56E+00	2.59E-01	2.59E-01	2.59E-01	2.59E-01	2.59E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	5.70E-01	3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.21E-03	3.21E-03	3.21E-03	3.21E-03	3.21E-03	1.80E-04	1.80E-04	1.80E-04	1.80E-04	1.80E-04
-3361.39	677.09	1.34E+00	1.34E+00	1.34E+00	1.34E+00	1.34E+00	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02	2.29E-01	2.29E-01	2.29E-01	2.29E-01	2.29E-01	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.12E-03	1.12E-03	1.12E-03	1.12E-03	1.12E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05
-3026.51	724.93	1.17E+00	1.17E+00	1.17E+00	1.17E+00	1.17E+00	6.64E-02	6.64E-02	6.64E-02	6.64E-02	6.64E-02	2.65E-01	2.65E-01	2.65E-01	2.65E-01	2.65E-01	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05
-1679.82	1478.41	4.47E-01	4.47E-01	4.47E-01	4.47E-01	4.47E-01	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	6.16E-02	6.16E-02	6.16E-02	6.16E-02	6.16E-02	3.50E-03	3.50E-03	3.50E-03	3.50E-03	3.50E-03	6.10E-04	6.10E-04	6.10E-04	6.10E-04	6.10E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-922.86	446.42	5.60E+00	5.60E+00	5.60E+00	5.60E+00	5.60E+00	3.18E-01	3.18E-01	3.18E-01	3.18E-01	3.18E-01	9.91E-01	9.91E-01	9.91E-01	9.91E-01	9.91E-01	5.63E-02	5.63E-02	5.63E-02	5.63E-02	5.63E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02	1.23E-03	1.23E-03	1.23E-03	1.23E-03	1.23E-03
-1799.42	1088.51	2.52E+00	2.52E+00	2.52E+00	2.52E+00	2.52E+00	1.43E-01	1.43E-01	1.43E-01	1.43E-01	1.43E-01	3.60E-01	3.60E-01	3.60E-01	3.60E-01	3.60E-01	2.05E-02	2.05E-02	2.05E-02	2.05E-02	2.05E-02	1.89E-03	1.89E-03	1.89E-03	1.89E-03	1.89E-03	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04
-359.36	1846.44	1.18E+00	1.18E+00	1.18E+00	1.18E+00	1.18E+00	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02	1.68E-01	1.68E-01	1.68E-01	1.68E-01	1.68E-01	9.52E-03	9.52E-03	9.52E-03	9.52E-03	9.52E-03	1.67E-03	1.67E-03	1.67E-03	1.67E-03	1.67E-03	9.00E-05

Phase: 2B
Source Group: Gasoline Exhaust

		Averaging Period: 1HR_1ST										Averaging Period: 8HR_1ST										Averaging Period: AN									
		PM10					VOC					PM10					VOC					PM10					VOC				
X	Y	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035
-1710.89	-383.91	6.00E-05	6.00E-05	6.00E-05	5.00E-05	5.00E-05	2.18E-02	2.00E-04	1.90E-04	1.80E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.88E-03	4.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1778.03	-291.29	6.00E-05	6.00E-05	6.00E-05	5.00E-05	5.00E-05	2.13E-02	2.00E-04	1.80E-04	1.70E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.68E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1732.28	175.05	9.00E-05	8.00E-05	8.00E-05	7.00E-05	7.00E-05	2.92E-02	2.70E-04	2.50E-04	2.30E-04	2.20E-04	2.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	5.52E-03	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1579.43	347.93	1.00E-04	9.00E-05	9.00E-05	8.00E-05	8.00E-05	3.39E-02	3.10E-04	2.90E-04	2.70E-04	2.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.24E-03	4.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1525.43	516.64	9.00E-05	8.00E-05	8.00E-05	7.00E-05	7.00E-05	2.89E-02	2.70E-04	2.50E-04	2.30E-04	2.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.95E-03	4.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1332.88	500.04	7.00E-05	7.00E-05	6.00E-05	6.00E-05	6.00E-05	2.44E-02	2.30E-04	2.10E-04	2.00E-04	1.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.36E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1140.45	476.30	9.00E-05	9.00E-05	8.00E-05	8.00E-05	7.00E-05	3.18E-02	2.90E-04	2.70E-04	2.60E-04	2.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.97E-03	4.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-672.12	353.55	5.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05	1.62E-02	1.50E-04	1.40E-04	1.30E-04	1.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.32E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-169.37	170.38	5.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05	1.81E-02	1.70E-04	1.60E-04	1.50E-04	1.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.27E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-75.04	299.11	3.00E-05	3.00E-05	2.00E-05	2.00E-05	2.00E-05	9.41E-03	9.00E-05	8.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49.15	527.20	2.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.34E-03	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144.22	648.15	2.00E-05	2.00E-05	2.00E-05	2.00E-05	1.00E-05	6.16E-03	6.00E-05	5.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394.15	623.31	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.64E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501.62	717.12	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.19E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618.47	665.12	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.39E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755.45	579.13	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.57E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867.79	485.41	2.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	5.88E-03	5.00E-05	5.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955.03	377.60	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	7.55E-03	7.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331.68	-165.58	2.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	5.43E-03	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406.74	-290.13	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	6.93E-03	6.00E-05	6.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456.20	-436.06	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	6.90E-03	6.00E-05	6.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209.21	-528.32	2.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	5.86E-03	5.00E-05	5.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913.01	-694.67	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	2.01E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717.24	-664.22	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.23E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544.23	-594.35	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.52E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338.12	-539.73	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.12E-03	3.00E-05	3.00E-05	3.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123.44	-529.45	2.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	5.94E-03	5.00E-05	5.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-353.26	-515.05	5.00E-05	5.00E-05	5.00E-05	4.00E-05	4.00E-05	1.83E-02	1.70E-04	1.60E-04	1.50E-04	1.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.28E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-537.68	-487.80	8.00E-05	8.00E-05	7.00E-05	7.00E-05	6.00E-05	2.76E-02	2.50E-04	2.40E-04	2.20E-04	2.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.66E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-775.51	-486.07	1.20E-04	1.20E-04	1.10E-04	1.00E-04	1.00E-04	4.16E-02	3.80E-04	3.60E-04	3.30E-04	3.10E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	7.52E-03	7.00E-05	6.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1414.44	-481.50	9.00E-05	8.00E-05	8.00E-05	8.00E-05	7.00E-05	3.06E-02	2.80E-04	2.60E-04	2.50E-04	2.30E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.93E-03	4.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1515.21	-320.18	9.00E-05	8.00E-05	8.00E-05	7.00E-05	7.00E-05	2.99E-02	2.80E-04	2.60E-04	2.40E-04	2.30E-04	2.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	5.46E-03	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1749.69	-63.90	8.00E-05	7.00E-05	7.00E-05	7.00E-05	6.00E-05	2.69E-02	2.50E-04	2.30E-04	2.20E-04	2.00E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.55E-03	4.00E-05	4.00E-05	4.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-920.57	426.17	9.00E-05	9.00E-05	8.00E-05	8.00E-05	7.00E-05	3.09E-02	2.90E-04	2.70E-04	2.50E-04	2.30E-04	2.00E-05	2.00E-05	1.00E-05	1.00E-05	1.00E-05	5.49E-03	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-420.73	233.87	4.00E-05	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.31E-02	1.20E-04	1.10E-04	1.10E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	2.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1090.12	214.10	2.00E-05	2.00E-05	2.00E-05	2.00E-05	1.00E-05	6.47E-03	6.00E-05	6.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183.39	65.17	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.53E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055.30	-577.42	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.56E-03	4.00E-05	4.00E-05	4.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-103.02	-518.78	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	1.18E-02	1.10E-04	1.00E-04	9.00E-05	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1076.39	-488.67	1.30E-04	1.20E-04	1.10E-04	1.10E-04	1.00E-04	4.35E-02	4.00E-04	3.70E-04	3.50E-04	3.30E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.18E-03	8.00E-05	7.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4113.79	-1330.97	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	3.72E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.98E-03	3.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	4.65E-03	4.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05	1.14E-02	1.10E-04	1.00E-04	9.00E-05	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2734.69	227.40	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	8.13E-03	8.00E-05	7.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2371.11	-69.21	4.00E-05	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.30E-02	1.20E-04	1.10E-04	1.00E-04	1.00E-04	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	2.03E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2146.26	177.17	4.00E-05	4.00E-05	4.00E-05	4.00E-05	3.00E-05	1.47E-02	1.40E-04	1.30E-04	1.20E-04	1.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.18E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1919.02	445.07	6.00E-05	6.00E-05	5.00E-05	5.00E-05	5.00E-05	2.07E-02	1.90E-04	1.80E-04	1.70E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.59E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1651.12	607.72	7.00E-05	7.00E-05	6.00E-05	6.00E-05	5.00E-05	2.37E-02	2.20E-04	2.00E-04	1.90E-04	1.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.96E-03	3.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3361.39	677.09	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05	6.88E-03	6.00E-05	6.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3026.51	724.93	2.00E-05	2.00E-05	2.00E-05	1.00E-05	1.00E-05	6.00E-03	6.00E-05	5.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1679.82	1478.41	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	2.56E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-922.86	446.42	9.00E-05	8.00E-05	8.00E-05	7.00E-05	7.00E-05	3.01E-02	2.80E-04	2.60E-04	2.40E-04	2.30E-04	2.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05	5.37E-03	5.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1799.42	1088.51	4.00E-05	4.00E-05	3.00E-05	3.00E-05	3.00E-05	1.32E-02	1.20E-04	1.10E-04	1.10E-04	1.00E-04	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	1.89E-03	2.00E-05	2.00E-05	2.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-359.36	1846.44	2.00E-05	2.00E-05	2.00E-05	2.00E-05	1.00E-05	6.23E-03	6.00E-05	5.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00

Phase: 2B
Source Group: Tire Wear / Brake Wear (TB)

		Averaging Period: 1HR_1ST					Averaging Period: 8HR_1ST					Averaging Period: AN				
		PM10					PM10					PM10				
X	Y	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035	2031	2032	2033	2034	2035
-1710.89	-383.91	1.57E-02	1.57E-02	1.57E-02	1.57E-02	1.57E-02	2.77E-03	2.77E-03	2.77E-03	2.77E-03	2.77E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-1778.03	-291.29	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02	2.56E-03	2.56E-03	2.56E-03	2.56E-03	2.56E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-1732.28	175.05	2.10E-02	2.10E-02	2.10E-02	2.10E-02	2.10E-02	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-1579.43	347.93	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	3.06E-03	3.06E-03	3.06E-03	3.06E-03	3.06E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-1525.43	516.64	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-1332.88	500.04	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-1140.45	476.30	2.27E-02	2.27E-02	2.27E-02	2.27E-02	2.27E-02	2.83E-03	2.83E-03	2.83E-03	2.83E-03	2.83E-03	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05
-672.12	353.55	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	7.00E-05	7.00E-05	7.00E-05	7.00E-05	7.00E-05
-169.37	170.38	1.29E-02	1.29E-02	1.29E-02	1.29E-02	1.29E-02	1.61E-03	1.61E-03	1.61E-03	1.61E-03	1.61E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-75.04	299.11	6.38E-03	6.38E-03	6.38E-03	6.38E-03	6.38E-03	8.00E-04	8.00E-04	8.00E-04	8.00E-04	8.00E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
49.15	527.20	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	4.50E-04	4.50E-04	4.50E-04	4.50E-04	4.50E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
144.22	648.15	4.31E-03	4.31E-03	4.31E-03	4.31E-03	4.31E-03	5.40E-04	5.40E-04	5.40E-04	5.40E-04	5.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
394.15	623.31	1.92E-03	1.92E-03	1.92E-03	1.92E-03	1.92E-03	2.50E-04	2.50E-04	2.50E-04	2.50E-04	2.50E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
501.62	717.12	1.58E-03	1.58E-03	1.58E-03	1.58E-03	1.58E-03	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
618.47	665.12	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755.45	579.13	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867.79	485.41	4.14E-03	4.14E-03	4.14E-03	4.14E-03	4.14E-03	5.20E-04	5.20E-04	5.20E-04	5.20E-04	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955.03	377.60	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03	6.90E-04	6.90E-04	6.90E-04	6.90E-04	6.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331.68	-165.58	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03	5.00E-04	5.00E-04	5.00E-04	5.00E-04	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406.74	-290.13	5.10E-03	5.10E-03	5.10E-03	5.10E-03	5.10E-03	6.40E-04	6.40E-04	6.40E-04	6.40E-04	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456.20	-436.06	5.10E-03	5.10E-03	5.10E-03	5.10E-03	5.10E-03	6.40E-04	6.40E-04	6.40E-04	6.40E-04	6.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1209.21	-528.32	4.14E-03	4.14E-03	4.14E-03	4.14E-03	4.14E-03	5.20E-04	5.20E-04	5.20E-04	5.20E-04	5.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
913.01	-694.67	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.80E-04	1.80E-04	1.80E-04	1.80E-04	1.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
717.24	-664.22	1.66E-03	1.66E-03	1.66E-03	1.66E-03	1.66E-03	2.10E-04	2.10E-04	2.10E-04	2.10E-04	2.10E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
544.23	-594.35	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
338.12	-539.73	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.70E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
123.44	-529.45	4.00E-03	4.00E-03	4.00E-03	4.00E-03	4.00E-03	5.00E-04	5.00E-04	5.00E-04	5.00E-04	5.00E-04	3.00E-05	3.00E-05	3.00E-05	3.00E-05	3.00E-05
-353.26	-515.05	1.34E-02	1.34E-02	1.34E-02	1.34E-02	1.34E-02	1.67E-03	1.67E-03	1.67E-03	1.67E-03	1.67E-03	9.00E-05	9.00E-05	9.00E-05	9.00E-05	9.00E-05
-537.68	-487.80	2.00E-02	2.00E-02	2.00E-02	2.00E-02	2.00E-02	2.56E-03	2.56E-03	2.56E-03	2.56E-03	2.56E-03	1.20E-04	1.20E-04	1.20E-04	1.20E-04	1.20E-04
-775.51	-486.07	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	5.30E-03	5.30E-03	5.30E-03	5.30E-03	5.30E-03	1.50E-04	1.50E-04	1.50E-04	1.50E-04	1.50E-04
-1414.44	-481.50	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.77E-03	2.77E-03	2.77E-03	2.77E-03	2.77E-03	6.00E-05	6.00E-05	6.00E-05	6.00E-05	6.00E-05
-1515.21	-320.18	2.13E-02	2.13E-02	2.13E-02	2.13E-02	2.13E-02	3.86E-03	3.86E-03	3.86E-03	3.86E-03	3.86E-03	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05
-1749.69	-63.90	1.92E-02	1.92E-02	1.92E-02	1.92E-02	1.92E-02	3.26E-03	3.26E-03	3.26E-03	3.26E-03	3.26E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-920.57	426.17	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02	3.86E-03	3.86E-03	3.86E-03	3.86E-03	3.86E-03	9.00E-05	9.00E-05	9.00E-05	9.00E-05	9.00E-05
-420.73	233.87	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05
1090.12	214.10	4.70E-03	4.70E-03	4.70E-03	4.70E-03	4.70E-03	5.90E-04	5.90E-04	5.90E-04	5.90E-04	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183.39	65.17	2.35E-03	2.35E-03	2.35E-03	2.35E-03	2.35E-03	2.90E-04	2.90E-04	2.90E-04	2.90E-04	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055.30	-577.42	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.80E-04	3.80E-04	3.80E-04	3.80E-04	3.80E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-103.02	-518.78	8.48E-03	8.48E-03	8.48E-03	8.48E-03	8.48E-03	1.06E-03	1.06E-03	1.06E-03	1.06E-03	1.06E-03	5.00E-05	5.00E-05	5.00E-05	5.00E-05	5.00E-05
-1076.39	-488.67	3.06E-02	3.06E-02	3.06E-02	3.06E-02	3.06E-02	5.75E-03	5.75E-03	5.75E-03	5.75E-03	5.75E-03	1.90E-04	1.90E-04	1.90E-04	1.90E-04	1.90E-04
-4113.79	-1330.97	2.77E-03	2.77E-03	2.77E-03	2.77E-03	2.77E-03	3.60E-04	3.60E-04	3.60E-04	3.60E-04	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.80E-04	2.80E-04	2.80E-04	2.80E-04	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	3.42E-03	3.42E-03	3.42E-03	3.42E-03	3.42E-03	4.30E-04	4.30E-04	4.30E-04	4.30E-04	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	8.42E-03	8.42E-03	8.42E-03	8.42E-03	8.42E-03	1.05E-03	1.05E-03	1.05E-03	1.05E-03	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2734.69	227.40	5.99E-03	5.99E-03	5.99E-03	5.99E-03	5.99E-03	8.50E-04	8.50E-04	8.50E-04	8.50E-04	8.50E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-2371.11	-69.21	9.41E-03	9.41E-03	9.41E-03	9.41E-03	9.41E-03	1.46E-03	1.46E-03	1.46E-03	1.46E-03	1.46E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-2146.26	177.17	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1919.02	445.07	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.51E-02	1.88E-03	1.88E-03	1.88E-03	1.88E-03	1.88E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-1651.12	607.72	1.74E-02	1.74E-02	1.74E-02	1.74E-02	1.74E-02	2.17E-03	2.17E-03	2.17E-03	2.17E-03	2.17E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-3361.39	677.09	5.10E-03	5.10E-03	5.10E-03	5.10E-03	5.10E-03	8.70E-04	8.70E-04	8.70E-04	8.70E-04	8.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3026.51	724.93	4.45E-03	4.45E-03	4.45E-03	4.45E-03	4.45E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1679.82	1478.41	1.70E-03	1.70E-03	1.70E-03	1.70E-03	1.70E-03	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-922.86	446.42	2.14E-02	2.14E-02	2.14E-02	2.14E-02	2.14E-02	3.78E-03	3.78E-03	3.78E-03	3.78E-03	3.78E-03	8.00E-05	8.00E-05	8.00E-05	8.00E-05	8.00E-05
-1799.42	1088.51	9.62E-03	9.62E-03	9.62E-03	9.62E-03	9.62E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
-359.36	1846.44	4.48E-03	4.48E-03	4.48E-03	4.48E-03	4.48E-03	6.40E-04	6.40E-04	6.40E-04	6.40E-04	6.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
671.30	-742.78	1.85E-03	1.85E-03	1.85E-03	1.85E-03	1.85E-03	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-1565.55	-932.22	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.16E-02	1.66E-03	1.66E-03	1.66E-03	1.66E-03	1.66E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-1733.02	-528.24	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	2.26E-03	2.26E-03	2.26E-03	2.26E-03	2.26E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-05	2.00E-05
-1261.46	-507.67	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
-883.92	-503.26	2.76E-02	2.76E-02	2.76E-02	2.76E-02	2.76E-02	6.78E-03	6.78E-03	6.78E-03	6.78E-03	6.78E-03	1.70E-04	1.70E-04	1.70E-04	1.70E-04	1.70E-04
1599.35	-1104.97	1.30E-03	1.30E-03	1.30E-03	1.30E-03	1.30E-03	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1608.16	-1382.63	1.90E-03	1.90E-03	1.90E-03	1.90E-03	1.90E-03	2.40E-04	2.40E-04	2.40E-04	2.40E-04	2.40E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
3517.15	-1425.27	7.30E-04	7.30E-04	7.30E-04	7.30E-04	7.30E-04	9.00E-05	9.00E-05	9.00E-05	9.00E-05	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959.77	-846.37	1.82E-03	1.82E-03	1.82E-03	1.82E-03	1.82E-03	2.30E-04	2.30E-04	2.30E-04	2.30E-04	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479.67	224.81	7.20E-04	7.20E-04	7.20E-04	7.20E-04	7.20E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	1.30E-03	1.30E-03	1.30E-03	1.30E-03	1.30E-03	2.20E-04	2.20E-04	2.20E-04	2.20E-04	2.20E-04	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
3044.83	-34.00	1.46E-03	1.46E-03	1.46E-03	1.46E-03	1.46E-03	1.80E-04	1.80E-04	1.80E-04	1.80E-04	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	4.00E-05	4.00E-05	4.00E-05	4.00E-05
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	1.00E-05
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

		Source Group: AIRCRAFT		Source Group: GSE	
		Averaging Period: 1H		Averaging Period: 1H	
		Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	9.96E+00	3.55E-01	9.52E-01	-5.14E+00
-1778.03	-291.29	1.02E+01	3.33E-01	7.37E-01	-7.59E+00
-1732.28	175.05	2.30E+01	1.63E+01	7.75E+00	8.46E+00
-1579.43	347.93	3.33E+01	1.48E+01	-1.19E+00	-1.46E+01
-1525.43	516.64	1.74E+01	6.30E+00	4.25E-02	-6.23E+00
-1332.88	500.04	3.32E+01	5.70E+00	9.36E-01	-3.88E+00
-1140.45	476.30	3.05E+01	1.45E+01	2.45E-02	-7.14E+00
-672.12	353.55	3.33E+01	3.24E+00	-1.86E+00	-1.28E+01
-169.37	170.38	2.41E+01	2.59E+00	-7.16E-01	-8.73E+00
-75.04	299.11	1.62E+01	5.71E+00	-5.31E-01	-6.58E+00
49.15	527.20	1.27E+01	5.79E+00	-1.10E+00	-7.38E+00
144.22	648.15	1.09E+01	5.51E+00	-1.39E+00	-8.44E+00
394.15	623.31	5.39E+00	5.69E+00	-1.18E+00	-7.62E+00
501.62	717.12	6.41E+00	5.31E+00	-5.88E-01	-5.01E+00
618.47	665.12	6.90E+00	5.53E+00	-1.06E+00	-6.75E+00
755.45	579.13	7.45E+00	5.77E+00	-1.03E+00	-6.25E+00
867.79	485.41	8.27E+00	5.88E+00	-6.00E-01	-4.84E+00
955.03	377.60	8.08E+00	6.00E+00	-6.90E-01	-5.48E+00
1331.68	-165.58	1.27E+01	4.34E+00	1.15E+00	5.27E-01
1406.74	-290.13	1.89E+01	9.01E+00	9.05E-01	2.12E-02
1456.20	-436.06	2.38E+01	1.20E+01	1.05E+00	5.85E-01
1209.21	-528.32	1.89E+01	1.22E+01	1.07E+00	6.99E-01
913.01	-694.67	1.30E+01	3.33E+00	1.26E+00	7.39E-01
717.24	-664.22	1.62E+01	3.35E+00	1.41E+00	8.89E-01
544.23	-594.35	9.98E+00	3.62E+00	1.87E+00	1.65E+00
338.12	-539.73	1.26E+01	3.41E+00	2.73E+00	3.44E+00
123.44	-529.45	1.26E+01	3.21E+00	2.89E+00	3.16E+00
-353.26	-515.05	7.63E+00	3.66E+00	5.27E-01	-4.16E+00
-537.68	-487.80	8.71E+00	3.33E+00	-2.24E-01	-6.52E+00
-775.51	-486.07	1.03E+01	2.72E+00	-4.28E-01	-7.85E+00
-1414.44	-481.50	5.87E+00	1.25E+00	2.41E-01	-6.39E+00
-1515.21	-320.18	7.84E+00	4.47E-01	1.93E+00	-3.74E+00
-1749.69	-63.90	1.16E+01	1.74E+00	7.76E+00	3.03E+00
-920.57	426.17	5.47E+01	3.68E+00	-1.78E-01	-7.68E+00
-420.73	233.87	3.04E+01	2.46E+00	-1.07E+00	-1.04E+01
1090.12	214.10	1.36E+01	5.73E+00	6.71E-01	-1.15E+00
1183.39	65.17	1.38E+01	3.13E+00	3.20E+00	3.56E+00
1055.30	-577.42	2.74E+01	8.28E+00	1.21E+00	8.55E-01
-103.02	-518.78	1.08E+01	3.94E+00	2.36E+00	9.86E-01
-1076.39	-488.67	5.56E+00	1.89E+00	2.85E-01	-5.92E+00
-4113.79	-1330.97	3.46E+00	9.07E-01	1.40E-01	-1.18E+00
-5050.04	-958.41	3.84E+00	-2.01E-01	2.24E-01	-6.88E-01
-4023.97	-112.26	4.19E+00	1.63E+00	4.33E-01	-1.09E+00
-2122.34	995.23	1.31E+01	1.77E+00	3.16E-01	-2.14E+00
-2734.69	227.40	1.07E+01	5.70E+00	8.37E-01	-1.31E+00
-2371.11	-69.21	9.92E+00	3.70E+00	1.47E+00	-2.73E+00
-2146.26	177.17	1.52E+01	9.04E+00	2.92E+00	1.29E+00
-1919.02	445.07	1.44E+01	8.06E+00	1.04E+00	-4.91E+00
-1651.12	607.72	1.90E+01	4.36E+00	-5.20E-02	-5.50E+00
-3361.39	677.09	6.27E+00	3.28E+00	6.77E-01	-9.80E-01
-3026.51	724.93	2.47E+00	2.58E+00	6.18E-01	-1.19E+00
-1679.82	1478.41	6.56E+00	4.07E+00	3.09E-02	-2.35E+00
-922.86	446.42	5.17E+01	4.83E+00	-1.67E-01	-7.48E+00
-1799.42	1088.51	9.15E+00	4.98E+00	-7.87E-03	-3.40E+00
-359.36	1846.44	5.93E+00	2.86E+00	-2.72E-01	-2.96E+00
671.30	-742.78	1.28E+01	2.52E+00	1.27E+00	5.96E-01
-1565.55	-932.22	4.05E+00	1.26E+00	1.17E-01	-3.81E+00
-1733.02	-528.24	7.64E+00	9.19E-01	5.86E-01	-4.33E+00
-1261.46	-507.67	6.14E+00	2.01E+00	-3.95E-01	-8.27E+00
-883.92	-503.26	9.98E+00	2.62E+00	9.76E-03	-6.68E+00
1599.35	-1104.97	1.29E+01	2.80E+00	5.60E-01	-1.17E-01
1608.16	-1382.63	5.40E+00	1.46E+00	4.35E-01	-3.21E-01
3517.15	-1425.27	5.62E+00	2.64E+00	2.95E-01	-1.24E-01
2959.77	-846.37	5.62E+00	1.60E+00	3.92E-01	-1.83E-02
3479.67	224.81	5.44E+00	2.22E+00	2.99E-01	-2.19E-01
44.43	1469.76	3.93E+00	4.20E+00	-2.18E-01	-3.06E+00
3044.83	-34.00	3.60E+00	3.17E+00	3.39E-01	-4.14E-01
1088.00	-938.00	-	-	-	-
1647.00	-390.00	-	-	-	-
1650.00	-890.00	-	-	-	-
1430.00	215.00	-	-	-	-
1142.00	615.00	-	-	-	-
-333.00	-788.00	-	-	-	-
-42.00	-825.00	-	-	-	-
1900.00	-1175.00	-	-	-	-
1815.00	-1910.00	-	-	-	-
2575.00	-2650.00	-	-	-	-
2665.00	-2025.00	-	-	-	-
3480.00	-2025.00	-	-	-	-
2667.00	-1400.00	-	-	-	-
3400.00	-250.00	-	-	-	-
2577.00	-940.00	-	-	-	-
2404.00	-475.00	-	-	-	-
1577.00	291.00	-	-	-	-
2400.00	240.00	-	-	-	-
2600.00	1290.00	-	-	-	-
900.00	935.00	-	-	-	-
1375.00	1395.00	-	-	-	-

		Source Group: ROADWAYS + PARKING					Source Group: AIRCRAFT	
		Averaging Period: 1H					Averaging Period: 8H	
		Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10	Pollutant: _SOX	Pollutant: _TOG
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	-8.86E-02	-1.58E-01	-3.31E-01	-8.58E+00	-8.12E-01	2.20E+00	1.56E+00
-1778.03	-291.29	-9.15E-02	-1.84E-01	-7.18E-01	-9.97E+00	-1.67E+00	2.65E+00	1.63E+00
-1732.28	175.05	-3.86E-02	-8.35E-02	7.75E-01	-4.31E+00	3.63E-02	5.88E+00	2.71E+00
-1579.43	347.93	-3.25E-02	-6.75E-02	1.65E-01	-3.55E+00	-4.25E-01	4.50E+00	3.15E+00
-1525.43	516.64	-2.34E-02	-4.39E-02	5.18E-01	-2.29E+00	3.12E-01	6.07E+00	3.09E+00
-1332.88	500.04	-2.09E-02	-4.92E-02	6.77E-01	-2.40E+00	5.64E-01	1.21E+01	3.28E+00
-1140.45	476.30	-2.39E-02	-5.83E-02	7.29E-01	-2.86E+00	3.77E-01	1.50E+01	3.06E+00
-672.12	353.55	-2.90E-02	-7.39E-02	8.29E-01	-3.53E+00	9.75E-02	8.61E+00	2.03E+00
-169.37	170.38	-2.90E-02	-7.82E-02	7.96E-01	-3.65E+00	1.89E-01	7.19E+00	1.86E+00
-75.04	299.11	-2.50E-02	-6.42E-02	5.06E-01	-3.08E+00	-2.37E-01	4.79E+00	1.96E+00
49.15	527.20	-2.03E-02	-5.02E-02	8.56E-01	-2.45E+00	3.48E-01	3.59E+00	1.80E+00
144.22	648.15	-2.09E-02	-4.51E-02	9.26E-01	-2.12E+00	1.05E+00	3.08E+00	1.61E+00
394.15	623.31	-3.10E-02	-4.13E-02	5.66E-01	-2.55E+00	1.02E+00	3.42E+00	1.62E+00
501.62	717.12	-6.25E-02	-6.20E-02	7.74E-01	-5.15E+00	9.59E-01	3.21E+00	1.43E+00
618.47	665.12	-5.20E-02	-5.16E-02	6.14E-01	-4.29E+00	7.67E-01	3.49E+00	1.42E+00
755.45	579.13	-3.80E-02	-3.81E-02	6.98E-01	-3.85E+00	8.22E-01	3.91E+00	1.48E+00
867.79	485.41	-3.72E-02	-3.73E-02	1.55E+00	-4.82E+00	1.52E+00	4.12E+00	1.66E+00
955.03	377.60	-3.72E-02	-3.74E-02	1.65E+00	-5.54E+00	1.54E+00	4.55E+00	1.81E+00
1331.68	-165.58	-4.29E-02	-4.34E-02	2.32E+00	-4.18E+00	2.54E+00	8.98E+00	2.14E+00
1406.74	-290.13	-3.98E-02	-3.99E-02	1.20E+00	-3.43E+00	1.35E+00	9.19E+00	3.25E+00
1456.20	-436.06	-8.95E-02	-8.94E-02	2.18E+00	-7.34E+00	2.50E+00	1.23E+01	7.03E+00
1209.21	-528.32	-1.07E-01	-1.07E-01	2.27E+00	-8.80E+00	2.64E+00	1.33E+01	5.44E+00
913.01	-694.67	-1.75E-01	-1.76E-01	1.43E+00	-1.45E+01	1.88E+00	8.27E+00	2.08E+00
717.24	-664.22	-2.05E-01	-2.05E-01	3.96E+00	-1.69E+01	4.64E+00	5.65E+00	2.03E+00
544.23	-594.35	-1.95E-01	-1.95E-01	4.18E+00	-1.60E+01	4.84E+00	4.83E+00	2.62E+00
338.12	-539.73	-1.65E-01	-1.79E-01	3.28E+00	-1.36E+01	3.84E+00	4.78E+00	2.43E+00
123.44	-529.45	-1.44E-01	-1.48E-01	2.94E+00	-1.18E+01	3.43E+00	4.29E+00	2.35E+00
-353.26	-515.05	-1.16E-01	-1.59E-01	8.29E-01	-1.01E+01	1.14E+00	3.74E+00	2.21E+00
-537.68	-487.80	-1.82E-01	-1.79E-01	-1.20E+00	-1.51E+01	-8.38E-01	4.36E+00	2.05E+00
-775.51	-486.07	-1.36E-01	-2.05E-01	2.35E-01	-1.31E+01	-7.37E-01	4.05E+00	1.89E+00
-1414.44	-481.50	-1.46E-01	-1.78E-01	1.02E-01	-1.22E+01	3.83E-01	3.51E+00	1.79E+00
-1515.21	-320.18	-1.15E-01	-2.72E-01	-8.67E-01	-1.32E+01	-2.67E+00	3.68E+00	2.05E+00
-1749.69	-63.90	-7.22E-02	-1.44E-01	-6.59E-02	-7.76E+00	-1.29E+00	4.15E+00	1.61E+00
-920.57	426.17	-2.61E-02	-6.51E-02	7.75E-01	-3.16E+00	2.96E-01	9.92E+00	2.22E+00
-420.73	233.87	-2.96E-02	-7.62E-02	8.85E-01	-3.65E+00	2.50E-01	8.61E+00	1.96E+00
1090.12	214.10	-4.81E-02	-4.84E-02	1.89E+00	-1.06E+01	2.10E+00	6.32E+00	1.98E+00
1183.39	65.17	-3.73E-02	-4.33E-02	1.85E+00	-4.59E+00	2.03E+00	6.92E+00	1.93E+00
1055.30	-577.42	-1.43E-01	-1.44E-01	5.40E+00	-1.17E+01	6.01E+00	9.16E+00	3.30E+00
-103.02	-518.78	-1.34E-01	-1.39E-01	3.43E+00	-1.10E+01	3.92E+00	3.81E+00	2.34E+00
-1076.39	-488.67	-1.32E-01	-1.61E-01	2.01E-01	-1.10E+01	5.12E-01	4.29E+00	1.65E+00
-4113.79	-1330.97	-1.56E-02	-2.39E-02	3.12E-01	-1.45E+00	2.92E-01	7.82E-01	4.99E-01
-5050.04	-958.41	-1.58E-02	-1.87E-02	3.63E-01	-1.38E+00	3.63E-01	6.71E-01	2.89E-01
-4023.97	-112.26	-1.79E-02	-2.95E-02	2.70E-01	-1.78E+00	1.06E-01	1.23E+00	3.60E-01
-2122.34	995.23	-1.69E-02	-2.71E-02	4.41E-01	-1.56E+00	3.66E-01	2.18E+00	1.19E+00
-2734.69	227.40	-3.35E-02	-5.75E-02	2.03E-01	-3.37E+00	-1.75E-01	1.75E+00	5.09E-01
-2371.11	-69.21	-3.48E-02	-6.61E-02	-1.20E-01	-3.65E+00	-3.17E-01	2.75E+00	1.07E+00
-2146.26	177.17	-4.28E-02	-7.70E-02	4.46E-01	-4.38E+00	-8.90E-02	3.23E+00	1.07E+00
-1919.02	445.07	-2.93E-02	-5.77E-02	1.54E-01	-3.14E+00	-4.10E-01	3.62E+00	1.80E+00
-1651.12	607.72	-2.18E-02	-4.01E-02	4.92E-01	-2.11E+00	3.12E-01	4.57E+00	2.33E+00
-3361.39	677.09	-1.94E-02	-3.28E-02	4.14E-01	-1.91E+00	2.35E-01	9.90E-01	4.05E-01
-3026.51	724.93	-1.87E-02	-3.11E-02	3.80E-01	-1.85E+00	2.05E-01	1.32E+00	5.22E-01
-1679.82	1478.41	-1.25E-02	-2.25E-02	2.23E-01	-1.18E+00	2.70E-01	2.92E+00	8.92E-01
-922.86	446.42	-2.55E-02	-6.33E-02	7.61E-01	-3.08E+00	3.10E-01	9.58E+00	2.23E+00
-1799.42	1088.51	-1.43E-02	-2.77E-02	5.14E-01	-1.44E+00	5.65E-01	3.34E+00	1.03E+00
-359.36	1846.44	-1.79E-02	-2.99E-02	4.25E-01	-1.75E+00	3.98E-01	3.17E+00	8.20E-01
671.30	-742.78	-7.70E-02	-7.69E-02	1.94E+00	-6.31E+00	2.22E+00	4.64E+00	1.75E+00
-1565.55	-932.22	-4.10E-02	-6.69E-02	1.38E+00	-3.98E+00	1.19E+00	2.10E+00	1.15E+00
-1733.02	-528.24	-7.89E-02	-1.33E-01	5.66E-01	-7.61E+00	6.92E-01	1.62E+00	1.36E+00
-1261.46	-507.67	-1.06E-01	-1.54E-01	1.30E-01	-8.79E+00	3.65E-01	4.37E+00	1.68E+00
-883.92	-503.26	-9.96E-02	-1.56E-01	4.98E-01	-9.44E+00	7.30E-01	3.98E+00	1.77E+00
1599.35	-1104.97	-6.55E-02	-6.64E-02	3.74E+00	-5.39E+00	4.10E+00	3.09E+00	1.84E+00
1608.16	-1382.63	-3.95E-02	-3.97E-02	1.60E+00	-3.37E+00	1.80E+00	2.50E+00	1.11E+00
3517.15	-1425.27	-1.87E-02	-2.47E-02	6.25E-01	-1.67E+00	5.87E-01	2.34E+00	1.02E+00
2959.77	-846.37	-3.35E-02	-4.08E-02	1.33E+00	-2.85E+00	1.40E+00	2.71E+00	1.22E+00
3479.67	224.81	-1.52E-02	-1.95E-02	4.11E-01	-1.36E+00	3.70E-01	1.55E+00	7.05E-01
44.43	1469.76	-2.04E-02	-3.30E-02	5.63E-01	-1.87E+00	6.36E-01	2.49E+00	1.05E+00
3044.83	-34.00	-1.91E-02	-2.17E-02	5.49E-01	-1.62E+00	5.80E-01	2.19E+00	1.30E+00
1088.00	-938.00	-	-	-	-	-	-	-
1647.00	-390.00	-	-	-	-	-	-	-
1650.00	-890.00	-	-	-	-	-	-	-
1430.00	215.00	-	-	-	-	-	-	-
1142.00	615.00	-	-	-	-	-	-	-
-333.00	-788.00	-	-	-	-	-	-	-
-42.00	-825.00	-	-	-	-	-	-	-
1900.00	-1175.00	-	-	-	-	-	-	-
1815.00	-1910.00	-	-	-	-	-	-	-
2575.00	-2650.00	-	-	-	-	-	-	-
2665.00	-2025.00	-	-	-	-	-	-	-
3480.00	-2025.00	-	-	-	-	-	-	-
2667.00	-1400.00	-	-	-	-	-	-	-
3400.00	-250.00	-	-	-	-	-	-	-
2577.00	-940.00	-	-	-	-	-	-	-
2404.00	-475.00	-	-	-	-	-	-	-
1577.00	291.00	-	-	-	-	-	-	-
2400.00	240.00	-	-	-	-	-	-	-
2600.00	1290.00	-	-	-	-	-	-	-
900.00	935.00	-	-	-	-	-	-	-
1375.00	1395.00	-	-	-	-	-	-	-

		Source Group: GSE		Source Group: ROADWAYS + PARKING				
		Averaging Period: 8H		Averaging Period: 8H				
		Pollutant: _PM10	Pollutant: _TOG	Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	7.01E-01	-8.71E-01	-3.27E-02	-5.24E-02	-3.23E-01	-3.25E+00	-6.15E-01
-1778.03	-291.29	7.09E-01	-1.30E+00	-2.93E-02	-5.28E-02	-3.26E-01	-3.03E+00	-6.23E-01
-1732.28	175.05	4.21E+00	8.40E+00	-1.33E-02	-2.23E-02	4.11E-02	-1.33E+00	-1.00E-01
-1579.43	347.93	1.25E+00	-1.22E-01	-1.25E-02	-2.38E-02	-5.51E-02	-1.32E+00	-2.50E-01
-1525.43	516.64	3.92E-01	-2.16E+00	-1.15E-02	-2.16E-02	-2.40E-02	-1.21E+00	-1.93E-01
-1332.88	500.04	6.01E-02	-3.82E+00	-1.33E-02	-2.90E-02	-1.06E-02	-1.50E+00	-2.81E-01
-1140.45	476.30	-1.46E-01	-4.25E+00	-1.38E-02	-2.74E-02	7.03E-03	-1.48E+00	-2.20E-01
-672.12	353.55	-1.02E+00	-7.24E+00	-1.55E-02	-3.84E-02	1.76E-01	-1.85E+00	-2.94E-01
-169.37	170.38	5.21E-02	-2.01E+00	-1.47E-02	-2.74E-02	1.44E-01	-1.53E+00	-1.02E-01
-75.04	299.11	4.70E-02	-1.69E+00	-1.32E-02	-2.59E-02	1.63E-01	-1.41E+00	-1.02E-01
49.15	527.20	-3.10E-01	-2.55E+00	-1.27E-02	-2.35E-02	1.94E-01	-1.32E+00	5.18E-02
144.22	648.15	-3.92E-01	-2.67E+00	-1.25E-02	-2.09E-02	1.83E-01	-1.33E+00	1.07E-01
394.15	623.31	-8.09E-01	-4.35E+00	-1.72E-02	-1.98E-02	6.19E-01	-1.40E+00	7.40E-01
501.62	717.12	-3.38E-01	-2.39E+00	-3.76E-02	-3.74E-02	5.85E-01	-3.10E+00	7.34E-01
618.47	665.12	-2.40E-01	-1.76E+00	-2.65E-02	-2.64E-02	4.14E-01	-2.18E+00	5.78E-01
755.45	579.13	-1.51E-01	-1.67E+00	-1.94E-02	-1.93E-02	3.11E-01	-1.60E+00	4.08E-01
867.79	485.41	2.64E-01	-3.31E-01	-1.97E-02	-1.97E-02	5.94E-01	-1.79E+00	7.16E-01
955.03	377.60	3.44E-01	6.58E-02	-1.92E-02	-1.93E-02	9.06E-01	-2.27E+00	9.17E-01
1331.68	-165.58	8.63E-01	7.20E-01	-2.98E-02	-3.02E-02	1.68E+00	-2.66E+00	1.83E+00
1406.74	-290.13	5.33E-01	4.82E-01	-2.61E-02	-2.62E-02	9.48E-01	-2.25E+00	1.06E+00
1456.20	-436.06	2.86E-01	9.04E-02	-5.48E-02	-5.48E-02	1.68E+00	-4.52E+00	1.89E+00
1209.21	-528.32	4.47E-01	1.92E-01	-6.40E-02	-6.40E-02	1.66E+00	-5.27E+00	1.90E+00
913.01	-694.67	7.34E-01	6.65E-01	-9.58E-02	-9.71E-02	3.39E+00	-7.88E+00	3.78E+00
717.24	-664.22	9.28E-01	9.74E-01	-8.88E-02	-8.89E-02	2.35E+00	-7.30E+00	2.69E+00
544.23	-594.35	1.25E+00	1.60E+00	-9.16E-02	-9.34E-02	2.24E+00	-7.53E+00	2.58E+00
338.12	-539.73	1.67E+00	2.30E+00	-9.00E-02	-9.55E-02	2.26E+00	-7.51E+00	2.51E+00
123.44	-529.45	1.47E+00	1.32E+00	-7.52E-02	-8.95E-02	2.25E+00	-6.38E+00	2.41E+00
-353.26	-515.05	2.45E-01	-2.38E+00	-6.65E-02	-8.50E-02	-1.03E+00	-5.94E+00	-1.06E+00
-537.68	-487.80	5.34E-02	-3.12E+00	-7.82E-02	-9.44E-02	-1.32E-01	-6.72E+00	-1.25E-01
-775.51	-486.07	-4.09E-01	-5.05E+00	-9.03E-02	-1.24E-01	-6.11E-01	-8.27E+00	-9.46E-01
-1414.44	-481.50	6.03E-01	-1.59E+00	-6.26E-02	-8.64E-02	-1.76E-01	-5.79E+00	-4.85E-01
-1515.21	-320.18	1.39E+00	-4.25E-01	-4.57E-02	-8.98E-02	-6.58E-01	-4.95E+00	-1.27E+00
-1749.69	-63.90	2.60E+00	2.12E+00	-2.10E-02	-3.50E-02	-1.27E-01	-2.10E+00	-3.73E-01
-920.57	426.17	-2.33E-01	-4.62E+00	-1.47E-02	-3.32E-02	9.70E-02	-1.60E+00	-1.19E-01
-420.73	233.87	-4.44E-01	-4.32E+00	-1.81E-02	-4.48E-02	3.33E-02	-2.17E+00	-5.09E-01
1090.12	214.10	9.69E-01	2.12E-02	-3.05E-02	-3.06E-02	1.28E+00	-5.25E+00	1.22E+00
1183.39	65.17	9.18E-01	4.07E-01	-2.47E-02	-2.53E-02	1.24E+00	-2.68E+00	1.33E+00
1055.30	-577.42	4.97E-01	3.19E-01	-6.65E-02	-6.66E-02	1.91E+00	-5.45E+00	2.16E+00
-103.02	-518.78	1.22E+00	2.14E-01	-7.06E-02	-9.43E-02	1.62E+00	-6.26E+00	1.65E+00
-1076.39	-488.67	2.33E-01	-3.43E+00	-7.33E-02	-1.09E-01	-4.81E-01	-7.02E+00	-1.12E+00
-4113.79	-1330.97	4.71E-02	-2.42E-01	-4.15E-03	-5.50E-03	9.15E-02	-3.80E-01	7.95E-02
-5050.04	-958.41	5.83E-02	-1.36E-01	-4.13E-03	-5.36E-03	9.45E-02	-3.74E-01	8.63E-02
-4023.97	-112.26	1.01E-01	-2.49E-01	-4.11E-03	-6.80E-03	6.07E-02	-4.11E-01	2.04E-02
-2122.34	995.23	2.05E-01	-3.65E-01	-5.89E-03	-9.83E-03	3.20E-02	-5.98E-01	-3.04E-02
-2734.69	227.40	1.94E-01	-2.12E-01	-6.28E-03	-1.01E-02	7.47E-02	-6.04E-01	3.29E-02
-2371.11	-69.21	4.09E-01	-5.39E-01	-9.23E-03	-1.38E-02	6.94E-02	-8.74E-01	1.52E-02
-2146.26	177.17	5.48E-01	2.42E-02	-9.26E-03	-1.67E-02	6.70E-02	-9.51E-01	-5.25E-02
-1919.02	445.07	8.66E-01	9.54E-01	-8.58E-03	-1.37E-02	-6.19E-03	-8.47E-01	-7.91E-02
-1651.12	607.72	8.02E-01	-6.87E-02	-9.65E-03	-1.69E-02	1.22E-02	-9.92E-01	-1.00E-01
-3361.39	677.09	1.44E-01	-1.35E-01	-4.63E-03	-7.33E-03	5.27E-02	-4.49E-01	1.46E-02
-3026.51	724.93	1.29E-01	-2.75E-01	-4.54E-03	-6.78E-03	7.21E-02	-4.27E-01	4.55E-02
-1679.82	1478.41	9.81E-02	-9.04E-01	-6.41E-03	-1.07E-02	5.82E-02	-6.09E-01	3.67E-02
-922.86	446.42	-7.18E-02	-3.91E+00	-1.44E-02	-3.23E-02	9.87E-02	-1.56E+00	-1.09E-01
-1799.42	1088.51	3.19E-01	-3.39E-01	-7.12E-03	-1.18E-02	4.46E-02	-7.18E-01	-2.78E-02
-359.36	1846.44	-2.50E-02	-9.24E-01	-9.36E-03	-1.26E-02	2.28E-01	-8.00E-01	2.66E-01
671.30	-742.78	7.25E-01	4.15E-01	-3.72E-02	-3.80E-02	1.27E+00	-3.05E+00	1.41E+00
-1565.55	-932.22	1.34E-01	-1.18E+00	-2.24E-02	-3.31E-02	6.88E-01	-2.05E+00	6.89E-01
-1733.02	-528.24	6.19E-01	-3.06E-01	-3.43E-02	-5.03E-02	1.37E-01	-3.20E+00	-4.04E-02
-1261.46	-507.67	2.90E-01	-2.79E+00	-5.93E-02	-8.97E-02	-5.92E-01	-5.73E+00	-1.09E+00
-883.92	-503.26	-3.62E-01	-5.01E+00	-6.63E-02	-1.06E-01	-3.63E-01	-6.43E+00	-6.64E-01
1599.35	-1104.97	3.07E-01	-1.19E-02	-3.83E-02	-3.89E-02	2.26E+00	-3.12E+00	2.47E+00
1608.16	-1382.63	2.45E-01	-1.29E-01	-2.09E-02	-2.20E-02	7.93E-01	-1.74E+00	8.86E-01
3517.15	-1425.27	1.29E-01	-6.81E-02	-8.88E-03	-1.10E-02	3.80E-01	-7.78E-01	3.80E-01
2959.77	-846.37	1.15E-01	-1.03E-01	-1.14E-02	-1.22E-02	5.25E-01	-9.76E-01	5.62E-01
3479.67	224.81	7.35E-02	-1.65E-01	-4.20E-03	-5.21E-03	1.54E-01	-3.76E-01	1.65E-01
44.43	1469.76	2.35E-03	-1.12E+00	-1.09E-02	-1.62E-02	2.98E-01	-9.75E-01	3.51E-01
3044.83	-34.00	1.47E-01	-5.21E-02	-5.84E-03	-7.81E-03	1.83E-01	-5.47E-01	1.93E-01
1088.00	-938.00	-	-	-	-	-	-	-
1647.00	-390.00	-	-	-	-	-	-	-
1650.00	-890.00	-	-	-	-	-	-	-
1430.00	215.00	-	-	-	-	-	-	-
1142.00	615.00	-	-	-	-	-	-	-
-333.00	-788.00	-	-	-	-	-	-	-
-42.00	-825.00	-	-	-	-	-	-	-
1900.00	-1175.00	-	-	-	-	-	-	-
1815.00	-1910.00	-	-	-	-	-	-	-
2575.00	-2650.00	-	-	-	-	-	-	-
2665.00	-2025.00	-	-	-	-	-	-	-
3480.00	-2025.00	-	-	-	-	-	-	-
2667.00	-1400.00	-	-	-	-	-	-	-
3400.00	-250.00	-	-	-	-	-	-	-
2577.00	-940.00	-	-	-	-	-	-	-
2404.00	-475.00	-	-	-	-	-	-	-
1577.00	291.00	-	-	-	-	-	-	-
2400.00	240.00	-	-	-	-	-	-	-
2600.00	1290.00	-	-	-	-	-	-	-
900.00	935.00	-	-	-	-	-	-	-
1375.00	1395.00	-	-	-	-	-	-	-

		Source Group: AIRCRAFT		Source Group: GSE	
		Averaging Period: AN		Averaging Period: AN	
		Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	1.42E-01	1.24E-01	1.16E-01	1.50E-01
-1778.03	-291.29	1.24E-01	1.03E-01	1.08E-01	1.64E-01
-1732.28	175.05	1.27E-01	1.03E-01	1.53E-01	3.25E-01
-1579.43	347.93	1.55E-01	1.16E-01	1.71E-01	3.68E-01
-1525.43	516.64	1.21E-01	1.06E-01	6.99E-02	1.09E-01
-1332.88	500.04	2.46E-01	3.25E-01	6.08E-02	4.91E-03
-1140.45	476.30	5.09E-01	4.13E-01	3.48E-03	-2.39E-01
-672.12	353.55	4.29E-01	2.96E-01	-4.67E-02	-4.23E-01
-169.37	170.38	6.62E-01	3.65E-01	7.06E-02	6.78E-02
-75.04	299.11	4.20E-01	2.48E-01	4.37E-02	1.57E-02
49.15	527.20	2.66E-01	1.66E-01	1.34E-02	-5.31E-02
144.22	648.15	2.25E-01	1.42E-01	5.05E-03	-6.77E-02
394.15	623.31	2.30E-01	1.37E-01	-9.60E-02	-4.64E-01
501.62	717.12	2.09E-01	1.22E-01	-3.29E-02	-2.01E-01
618.47	665.12	2.22E-01	1.23E-01	-1.68E-02	-1.39E-01
755.45	579.13	2.44E-01	1.27E-01	6.26E-03	-5.44E-02
867.79	485.41	2.71E-01	1.34E-01	2.37E-02	2.87E-03
955.03	377.60	3.05E-01	1.46E-01	3.61E-02	2.28E-02
1331.68	-165.58	4.38E-01	2.94E-01	1.36E-01	1.32E-01
1406.74	-290.13	6.10E-01	4.14E-01	7.19E-02	6.04E-02
1456.20	-436.06	8.44E-01	6.95E-01	4.64E-02	2.98E-02
1209.21	-528.32	1.51E+00	1.34E+00	5.29E-02	3.77E-02
913.01	-694.67	1.03E+00	7.35E-01	7.60E-02	7.67E-02
717.24	-664.22	9.69E-01	6.94E-01	9.90E-02	1.21E-01
544.23	-594.35	9.55E-01	7.16E-01	1.37E-01	2.03E-01
338.12	-539.73	8.90E-01	7.05E-01	2.46E-01	4.55E-01
123.44	-529.45	7.83E-01	6.32E-01	4.36E-01	9.09E-01
-353.26	-515.05	5.97E-01	4.86E-01	7.40E-02	-2.90E-01
-537.68	-487.80	5.49E-01	4.56E-01	-2.39E-03	-6.24E-01
-775.51	-486.07	4.72E-01	3.93E-01	1.54E-02	-5.86E-01
-1414.44	-481.50	2.49E-01	2.22E-01	1.18E-01	-2.67E-02
-1515.21	-320.18	2.36E-01	2.30E-01	2.49E-01	2.12E-01
-1749.69	-63.90	1.30E-01	1.09E-01	2.33E-01	4.82E-01
-920.57	426.17	4.30E-01	3.10E-01	-5.15E-02	-4.54E-01
-420.73	233.87	5.74E-01	3.54E-01	-2.92E-03	-2.40E-01
1090.12	214.10	3.45E-01	1.69E-01	7.98E-02	4.85E-02
1183.39	65.17	3.58E-01	2.02E-01	1.45E-01	1.08E-01
1055.30	-577.42	1.44E+00	1.09E+00	6.14E-02	5.14E-02
-103.02	-518.78	6.99E-01	5.63E-01	3.65E-01	6.22E-01
-1076.39	-488.67	3.78E-01	3.15E-01	6.14E-02	-4.02E-01
-4113.79	-1330.97	1.62E-02	9.58E-03	1.53E-03	-2.93E-03
-5050.04	-958.41	1.14E-02	6.15E-03	1.09E-03	-2.10E-03
-4023.97	-112.26	1.67E-02	9.14E-03	1.79E-03	-3.06E-03
-2122.34	995.23	2.93E-02	1.84E-02	4.55E-03	-6.92E-04
-2734.69	227.40	3.41E-02	2.09E-02	4.71E-03	-5.52E-03
-2371.11	-69.21	4.84E-02	3.16E-02	1.04E-02	-3.31E-03
-2146.26	177.17	6.18E-02	4.16E-02	1.40E-02	6.93E-04
-1919.02	445.07	7.48E-02	4.73E-02	1.23E-02	1.71E-03
-1651.12	607.72	7.82E-02	5.75E-02	4.00E-02	6.21E-02
-3361.39	677.09	2.14E-02	1.24E-02	1.81E-03	-3.99E-03
-3026.51	724.93	2.43E-02	1.45E-02	1.95E-03	-4.66E-03
-1679.82	1478.41	4.05E-02	3.24E-02	7.28E-03	-2.44E-03
-922.86	446.42	4.14E-01	3.02E-01	-4.48E-02	-4.18E-01
-1799.42	1088.51	3.81E-02	3.00E-02	1.02E-02	5.65E-03
-359.36	1846.44	8.22E-02	6.17E-02	4.52E-03	-2.40E-02
671.30	-742.78	7.96E-01	5.79E-01	9.76E-02	1.09E-01
-1565.55	-932.22	1.43E-01	1.13E-01	3.47E-02	-2.84E-02
-1733.02	-528.24	1.31E-01	1.10E-01	7.29E-02	7.27E-02
-1261.46	-507.67	3.03E-01	2.58E-01	8.41E-02	-2.05E-01
-883.92	-503.26	4.29E-01	3.55E-01	2.96E-02	-5.12E-01
1599.35	-1104.97	4.61E-01	3.42E-01	3.31E-02	8.24E-03
1608.16	-1382.63	3.41E-01	2.47E-01	2.78E-02	-2.09E-03
3517.15	-1425.27	1.52E-01	1.00E-01	8.06E-03	-6.96E-03
2959.77	-846.37	1.66E-01	1.03E-01	7.60E-03	-9.22E-03
3479.67	224.81	3.47E-02	2.09E-02	1.83E-03	-3.10E-03
44.43	1469.76	1.12E-01	8.05E-02	5.26E-03	-3.26E-02
3044.83	-34.00	5.40E-02	3.20E-02	2.22E-03	-5.73E-03
1088.00	-938.00	6.56E-01	4.84E-01	5.58E-02	3.52E-02
1647.00	-390.00	4.45E-01	2.73E-01	3.72E-02	1.50E-02
1650.00	-890.00	5.73E-01	4.37E-01	3.13E-02	9.42E-03
1430.00	215.00	1.98E-01	1.31E-01	1.78E-02	-6.16E-03
1142.00	615.00	2.01E-01	1.07E-01	2.38E-02	2.14E-02
-333.00	-788.00	4.16E-01	3.21E-01	6.84E-02	-9.14E-02
-42.00	-825.00	4.60E-01	3.54E-01	1.14E-01	7.82E-02
1900.00	-1175.00	3.79E-01	2.79E-01	2.54E-02	1.61E-03
1815.00	-1910.00	2.10E-01	1.48E-01	1.75E-02	-7.56E-03
2575.00	-2650.00	1.23E-01	8.47E-02	9.62E-03	-7.05E-03
2665.00	-2025.00	1.68E-01	1.20E-01	1.30E-02	-8.19E-03
3480.00	-2025.00	1.41E-01	9.88E-02	9.94E-03	-6.91E-03
2667.00	-1400.00	2.33E-01	1.65E-01	1.46E-02	-5.18E-03
3400.00	-250.00	5.63E-02	3.31E-02	2.08E-03	-6.00E-03
2577.00	-940.00	2.53E-01	1.67E-01	1.25E-02	-6.67E-03
2404.00	-475.00	1.76E-01	1.04E-01	8.90E-03	-1.19E-02
1577.00	291.00	1.51E-01	1.03E-01	1.14E-02	-3.39E-03
2400.00	240.00	6.29E-02	3.93E-02	3.22E-03	-5.26E-03
2600.00	1290.00	4.90E-02	2.98E-02	3.78E-03	1.19E-04
900.00	935.00	1.66E-01	9.23E-02	7.35E-03	-2.55E-02
1375.00	1395.00	1.02E-01	6.01E-02	6.82E-03	-6.80E-03

Source Group: ROADWAYS + PARKING
Averaging Period: AN

X	Y	Pollutant: -D_PM10 2035PP-2018BL	Pollutant: -D_TOG 2035PP-2018BL	Pollutant: -G_PM10 2035PP-2018BL	Pollutant: -G_TOG 2035PP-2018BL	Pollutant: -TB_PM10 2035PP-2018BL
-1710.89	-383.91	-3.36E-03	-3.85E-03	-2.99E-02	-2.95E-01	-3.43E-02
-1778.03	-291.29	-2.17E-03	-2.60E-03	-1.87E-02	-1.94E-01	-2.36E-02
-1732.28	175.05	-6.00E-04	-7.89E-04	3.82E-03	-5.51E-02	1.83E-03
-1579.43	347.93	-5.76E-04	-7.85E-04	2.88E-03	-5.36E-02	4.00E-04
-1525.43	516.64	-5.13E-04	-7.23E-04	2.78E-03	-4.83E-02	1.72E-04
-1332.88	500.04	-6.65E-04	-1.06E-03	1.62E-03	-6.56E-02	-4.29E-03
-1140.45	476.30	-8.50E-04	-1.47E-03	6.36E-04	-8.68E-02	-9.37E-03
-672.12	353.55	-1.44E-03	-2.75E-03	3.67E-03	-1.53E-01	-1.80E-02
-169.37	170.38	-1.56E-03	-2.20E-03	2.39E-02	-1.46E-01	1.70E-02
-75.04	299.11	-1.53E-03	-2.03E-03	2.49E-02	-1.40E-01	2.08E-02
49.15	527.20	-1.78E-03	-2.17E-03	2.90E-02	-1.58E-01	2.82E-02
144.22	648.15	-2.31E-03	-2.63E-03	3.60E-02	-2.00E-01	3.84E-02
394.15	623.31	-3.59E-03	-3.80E-03	7.88E-02	-3.03E-01	9.10E-02
501.62	717.12	-9.15E-03	-9.31E-03	1.80E-01	-7.58E-01	2.14E-01
618.47	665.12	-6.14E-03	-6.27E-03	1.28E-01	-5.11E-01	1.57E-01
755.45	579.13	-4.71E-03	-4.83E-03	1.13E-01	-3.94E-01	1.42E-01
867.79	485.41	-4.69E-03	-4.80E-03	1.27E-01	-3.96E-01	1.54E-01
955.03	377.60	-4.09E-03	-4.20E-03	1.35E-01	-3.65E-01	1.55E-01
1331.68	-165.58	-7.13E-03	-7.32E-03	3.96E-01	-6.13E-01	4.31E-01
1406.74	-290.13	-6.05E-03	-6.18E-03	2.33E-01	-5.19E-01	2.58E-01
1456.20	-436.06	-9.61E-03	-9.75E-03	3.12E-01	-8.05E-01	3.49E-01
1209.21	-528.32	-9.16E-03	-9.35E-03	2.82E-01	-7.68E-01	3.16E-01
913.01	-694.67	-2.71E-02	-2.75E-02	8.75E-01	-2.23E+00	9.76E-01
717.24	-664.22	-2.27E-02	-2.31E-02	4.63E-01	-1.88E+00	5.30E-01
544.23	-594.35	-2.53E-02	-2.59E-02	4.63E-01	-2.10E+00	5.35E-01
338.12	-539.73	-2.69E-02	-2.77E-02	5.14E-01	-2.24E+00	5.88E-01
123.44	-529.45	-2.14E-02	-2.28E-02	5.61E-01	-1.79E+00	6.13E-01
-353.26	-515.05	-1.84E-02	-2.20E-02	-4.50E-01	-1.65E+00	-5.07E-01
-537.68	-487.80	-1.87E-02	-2.43E-02	7.06E-02	-1.69E+00	4.56E-03
-775.51	-486.07	-2.21E-02	-2.88E-02	-2.12E-01	-2.01E+00	-3.06E-01
-1414.44	-481.50	-1.29E-02	-1.50E-02	4.80E-02	-1.12E+00	3.58E-02
-1515.21	-320.18	-6.93E-03	-8.09E-03	-1.35E-01	-6.15E-01	-1.52E-01
-1749.69	-63.90	-9.93E-04	-1.36E-03	-5.26E-05	-9.29E-02	-4.99E-03
-920.57	426.17	-1.10E-03	-1.99E-03	6.95E-04	-1.14E-01	-1.38E-02
-420.73	233.87	-1.64E-03	-2.90E-03	1.27E-02	-1.68E-01	-6.95E-03
1090.12	214.10	-6.82E-03	-6.95E-03	3.25E-01	-9.69E-01	3.15E-01
1183.39	65.17	-7.46E-03	-7.65E-03	4.19E-01	-7.17E-01	4.48E-01
1055.30	-577.42	-9.83E-03	-1.01E-02	2.79E-01	-8.24E-01	3.12E-01
-103.02	-518.78	-1.97E-02	-2.19E-02	5.94E-02	-1.69E+00	6.13E-02
-1076.39	-488.67	-1.75E-02	-2.42E-02	-1.54E-01	-1.63E+00	-2.57E-01
-4113.79	-1330.97	-1.23E-04	-1.61E-04	2.26E-03	-1.12E-02	1.95E-03
-5050.04	-958.41	-8.56E-05	-1.10E-04	1.60E-03	-7.77E-03	1.46E-03
-4023.97	-112.26	-1.26E-04	-1.67E-04	2.03E-03	-1.15E-02	1.69E-03
-2122.34	995.23	-2.08E-04	-2.57E-04	3.13E-03	-1.87E-02	3.00E-03
-2734.69	227.40	-2.43E-04	-3.24E-04	3.69E-03	-2.24E-02	2.96E-03
-2371.11	-69.21	-4.52E-04	-5.95E-04	5.50E-03	-4.13E-02	4.11E-03
-2146.26	177.17	-3.93E-04	-5.26E-04	5.16E-03	-3.61E-02	3.86E-03
-1919.02	445.07	-3.50E-04	-4.44E-04	4.54E-03	-3.17E-02	3.93E-03
-1651.12	607.72	-4.06E-04	-5.42E-04	3.35E-03	-3.75E-02	1.99E-03
-3361.39	677.09	-1.28E-04	-1.67E-04	2.25E-03	-1.17E-02	1.99E-03
-3026.51	724.93	-1.45E-04	-1.85E-04	2.66E-03	-1.32E-02	2.46E-03
-1679.82	1478.41	-2.47E-04	-3.33E-04	2.29E-03	-2.29E-02	1.52E-03
-922.86	446.42	-1.07E-03	-1.92E-03	9.38E-04	-1.11E-01	-1.28E-02
-1799.42	1088.51	-2.64E-04	-3.44E-04	2.92E-03	-2.42E-02	2.34E-03
-359.36	1846.44	-6.03E-04	-7.67E-04	6.41E-03	-5.41E-02	5.31E-03
671.30	-742.78	-8.13E-03	-8.82E-03	2.42E-01	-6.87E-01	2.62E-01
-1565.55	-932.22	-4.29E-03	-4.97E-03	1.71E-01	-3.66E-01	1.77E-01
-1733.02	-528.24	-7.37E-03	-7.76E-03	7.51E-02	-6.20E-01	8.74E-02
-1261.46	-507.67	-1.17E-02	-1.60E-02	-1.04E-01	-1.09E+00	-1.72E-01
-883.92	-503.26	-1.47E-02	-2.09E-02	-1.06E-01	-1.38E+00	-2.02E-01
1599.35	-1104.97	-9.29E-03	-9.70E-03	4.61E-01	-7.66E-01	5.01E-01
1608.16	-1382.63	-5.70E-03	-6.09E-03	1.89E-01	-4.79E-01	2.05E-01
3517.15	-1425.27	-7.50E-04	-8.43E-04	3.12E-02	-6.56E-02	3.34E-02
2959.77	-846.37	-8.16E-04	-8.84E-04	3.26E-02	-7.26E-02	3.57E-02
3479.67	224.81	-2.56E-04	-2.85E-04	8.73E-03	-2.24E-02	1.07E-02
44.43	1469.76	-9.89E-04	-1.18E-03	1.36E-02	-8.68E-02	1.41E-02
3044.83	-34.00	-4.45E-04	-4.84E-04	1.59E-02	-3.93E-02	1.90E-02
1088.00	-938.00	-5.47E-03	-5.97E-03	1.91E-01	-4.65E-01	2.05E-01
1647.00	-390.00	-1.46E-02	-1.48E-02	6.32E-01	-1.21E+00	6.98E-01
1650.00	-890.00	-1.68E-02	-1.71E-02	6.45E-01	-1.38E+00	7.14E-01
1430.00	215.00	-1.26E-02	-1.28E-02	6.12E-01	-1.14E+00	6.63E-01
1142.00	615.00	-3.18E-03	-3.28E-03	1.19E-01	-2.98E-01	1.41E-01
-333.00	-788.00	-5.04E-03	-7.17E-03	1.50E-02	-4.72E-01	-1.42E-02
-42.00	-825.00	-4.56E-03	-6.16E-03	4.93E-02	-4.18E-01	3.17E-02
1900.00	-1175.00	-4.39E-03	-4.70E-03	2.38E-01	-3.66E-01	2.56E-01
1815.00	-1910.00	-1.69E-03	-1.98E-03	6.01E-02	-1.48E-01	6.23E-02
2575.00	-2650.00	-7.93E-04	-9.59E-04	2.60E-02	-7.04E-02	2.65E-02
2665.00	-2025.00	-1.12E-03	-1.34E-03	3.99E-02	-9.84E-02	4.08E-02
3480.00	-2025.00	-8.22E-04	-9.80E-04	3.08E-02	-7.25E-02	3.17E-02
2667.00	-1400.00	-1.57E-03	-1.75E-03	7.34E-02	-1.35E-01	7.82E-02
3400.00	-250.00	-3.73E-04	-4.10E-04	1.25E-02	-3.35E-02	1.48E-02
2577.00	-940.00	-1.52E-03	-1.62E-03	7.11E-02	-1.30E-01	7.72E-02
2404.00	-475.00	-1.44E-03	-1.51E-03	6.64E-02	-1.27E-01	7.29E-02
1577.00	291.00	-2.82E-03	-2.90E-03	1.22E-01	-2.56E-01	1.36E-01
2400.00	240.00	-7.39E-04	-7.84E-04	2.69E-02	-6.41E-02	3.25E-02
2600.00	1290.00	-3.46E-04	-3.83E-04	1.33E-02	-3.06E-02	1.46E-02
900.00	935.00	-2.34E-03	-2.45E-03	5.04E-02	-1.99E-01	1.38E-01
1375.00	1395.00	-6.66E-04	-7.51E-04	2.18E-02	-6.11E-02	2.76E-02

		Source Group: AIRCRAFT		Source Group: GSE	
		Averaging Period: 1H		Averaging Period: 1H	
		Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	9.96E+00	3.55E-01	-1.50E+00	-1.24E+01
-1778.03	-291.29	1.02E+01	3.33E-01	-2.13E+00	-1.61E+01
-1732.28	175.05	2.30E+01	1.63E+01	1.40E+00	-1.03E+01
-1579.43	347.93	3.33E+01	1.48E+01	-3.82E+00	-2.24E+01
-1525.43	516.64	1.74E+01	6.30E+00	-1.69E+00	-1.13E+01
-1332.88	500.04	3.32E+01	5.70E+00	-1.15E+00	-1.01E+01
-1140.45	476.30	3.05E+01	1.45E+01	-1.93E+00	-1.29E+01
-672.12	353.55	3.33E+01	3.24E+00	-3.24E+00	-1.69E+01
-169.37	170.38	2.41E+01	2.59E+00	-2.28E+00	-1.34E+01
-75.04	299.11	1.62E+01	5.71E+00	-1.72E+00	-1.01E+01
49.15	527.20	1.27E+01	5.79E+00	-2.05E+00	-1.02E+01
144.22	648.15	1.09E+01	5.51E+00	-2.22E+00	-1.09E+01
394.15	623.31	5.39E+00	5.69E+00	-1.94E+00	-9.87E+00
501.62	717.12	6.41E+00	5.31E+00	-1.29E+00	-7.11E+00
618.47	665.12	6.90E+00	5.53E+00	-1.72E+00	-8.72E+00
755.45	579.13	7.45E+00	5.77E+00	-1.70E+00	-8.38E+00
867.79	485.41	8.27E+00	5.88E+00	-1.43E+00	-7.55E+00
955.03	377.60	8.08E+00	6.00E+00	-1.57E+00	-8.33E+00
1331.68	-165.58	1.27E+01	4.34E+00	-5.32E-02	-3.00E+00
1406.74	-290.13	1.89E+01	9.01E+00	-1.29E-01	-3.08E+00
1456.20	-436.06	2.38E+01	1.20E+01	3.42E-02	-2.42E+00
1209.21	-528.32	1.89E+01	1.22E+01	6.60E-02	-2.29E+00
913.01	-694.67	1.30E+01	3.33E+00	5.60E-02	-2.81E+00
717.24	-664.22	1.62E+01	3.35E+00	7.85E-02	-3.07E+00
544.23	-594.35	9.98E+00	3.62E+00	2.32E-01	-3.18E+00
338.12	-539.73	1.26E+01	3.41E+00	6.17E-01	-2.81E+00
123.44	-529.45	1.26E+01	3.21E+00	5.22E-01	-3.85E+00
-353.26	-515.05	7.63E+00	3.66E+00	-1.22E+00	-9.38E+00
-537.68	-487.80	8.71E+00	3.33E+00	-1.73E+00	-1.10E+01
-775.51	-486.07	1.03E+01	2.72E+00	-2.07E+00	-1.27E+01
-1414.44	-481.50	5.87E+00	1.25E+00	-1.75E+00	-1.23E+01
-1515.21	-320.18	7.84E+00	4.47E-01	-1.23E+00	-1.31E+01
-1749.69	-63.90	1.16E+01	1.74E+00	-9.92E-02	-2.02E+01
-920.57	426.17	5.47E+01	3.68E+00	-2.05E+00	-1.32E+01
-420.73	233.87	3.04E+01	2.46E+00	-2.68E+00	-1.51E+01
1090.12	214.10	1.36E+01	5.73E+00	-5.75E-01	-5.05E+00
1183.39	65.17	1.38E+01	3.13E+00	7.58E-01	-2.51E+00
1055.30	-577.42	2.74E+01	8.28E+00	9.27E-02	-2.45E+00
-103.02	-518.78	1.08E+01	3.94E+00	-4.83E-03	-6.02E+00
-1076.39	-488.67	5.56E+00	1.89E+00	-1.63E+00	-1.16E+01
-4113.79	-1330.97	3.46E+00	9.07E-01	-3.44E-01	-2.61E+00
-5050.04	-958.41	3.84E+00	-2.01E-01	-2.20E-01	-2.00E+00
-4023.97	-112.26	4.19E+00	1.63E+00	-3.55E-01	-3.41E+00
-2122.34	995.23	1.31E+01	1.77E+00	-6.12E-01	-4.88E+00
-2734.69	227.40	1.07E+01	5.70E+00	-4.63E-01	-5.15E+00
-2371.11	-69.21	9.92E+00	3.70E+00	-9.28E-01	-9.83E+00
-2146.26	177.17	1.52E+01	9.04E+00	1.47E-02	-7.30E+00
-1919.02	445.07	1.44E+01	8.06E+00	-1.44E+00	-1.23E+01
-1651.12	607.72	1.90E+01	4.36E+00	-1.48E+00	-9.73E+00
-3361.39	677.09	6.27E+00	3.28E+00	-3.47E-01	-4.01E+00
-3026.51	724.93	2.47E+00	2.58E+00	-3.98E-01	-4.20E+00
-1679.82	1478.41	6.56E+00	4.07E+00	-6.38E-01	-4.33E+00
-922.86	446.42	5.17E+01	4.83E+00	-2.00E+00	-1.29E+01
-1799.42	1088.51	9.15E+00	4.98E+00	-9.16E-01	-6.08E+00
-359.36	1846.44	5.93E+00	2.86E+00	-7.67E-01	-4.42E+00
671.30	-742.78	1.28E+01	2.52E+00	1.64E-02	-3.10E+00
-1565.55	-932.22	4.05E+00	1.26E+00	-1.04E+00	-7.25E+00
-1733.02	-528.24	7.64E+00	9.19E-01	-1.24E+00	-9.72E+00
-1261.46	-507.67	6.14E+00	2.01E+00	-2.19E+00	-1.36E+01
-883.92	-503.26	9.98E+00	2.62E+00	-1.80E+00	-1.20E+01
1599.35	-1104.97	1.29E+01	2.80E+00	-9.57E-02	-2.06E+00
1608.16	-1382.63	5.40E+00	1.46E+00	-1.36E-01	-2.01E+00
3517.15	-1425.27	5.62E+00	2.64E+00	-7.34E-02	-1.22E+00
2959.77	-846.37	5.62E+00	1.60E+00	-6.55E-02	-1.37E+00
3479.67	224.81	5.44E+00	2.22E+00	-1.03E-01	-1.38E+00
44.43	1469.76	3.93E+00	4.20E+00	-8.02E-01	-4.79E+00
3044.83	-34.00	3.60E+00	3.17E+00	-1.68E-01	-1.87E+00
1088.00	-938.00	-	-	-	-
1647.00	-390.00	-	-	-	-
1650.00	-890.00	-	-	-	-
1430.00	215.00	-	-	-	-
1142.00	615.00	-	-	-	-
-333.00	-788.00	-	-	-	-
-42.00	-825.00	-	-	-	-
1900.00	-1175.00	-	-	-	-
1815.00	-1910.00	-	-	-	-
2575.00	-2650.00	-	-	-	-
2665.00	-2025.00	-	-	-	-
3480.00	-2025.00	-	-	-	-
2667.00	-1400.00	-	-	-	-
3400.00	-250.00	-	-	-	-
2577.00	-940.00	-	-	-	-
2404.00	-475.00	-	-	-	-
1577.00	291.00	-	-	-	-
2400.00	240.00	-	-	-	-
2600.00	1290.00	-	-	-	-
900.00	935.00	-	-	-	-
1375.00	1395.00	-	-	-	-

		Source Group: ROADWAYS + PARKING					Source Group: AIRCRAFT	
		Averaging Period: 1H					Averaging Period: 8H	
		Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10	Pollutant: _SOX	Pollutant: _TOG
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	-8.86E-02	-1.58E-01	-3.31E-01	-8.58E+00	-8.12E-01	2.20E+00	1.56E+00
-1778.03	-291.29	-9.15E-02	-1.84E-01	-7.18E-01	-9.97E+00	-1.67E+00	2.65E+00	1.63E+00
-1732.28	175.05	-3.86E-02	-8.35E-02	7.75E-01	-4.31E+00	3.63E-02	5.88E+00	2.71E+00
-1579.43	347.93	-3.25E-02	-6.75E-02	1.65E-01	-3.55E+00	-4.25E-01	4.50E+00	3.15E+00
-1525.43	516.64	-2.34E-02	-4.39E-02	5.18E-01	-2.29E+00	3.12E-01	6.07E+00	3.09E+00
-1332.88	500.04	-2.09E-02	-4.92E-02	6.77E-01	-2.40E+00	5.64E-01	1.21E+01	3.28E+00
-1140.45	476.30	-2.39E-02	-5.83E-02	7.29E-01	-2.86E+00	3.77E-01	1.50E+01	3.06E+00
-672.12	353.55	-2.90E-02	-7.39E-02	8.29E-01	-3.53E+00	9.75E-02	8.61E+00	2.03E+00
-169.37	170.38	-2.90E-02	-7.82E-02	7.96E-01	-3.65E+00	1.89E-01	7.19E+00	1.86E+00
-75.04	299.11	-2.50E-02	-6.42E-02	5.06E-01	-3.08E+00	-2.37E-01	4.79E+00	1.96E+00
49.15	527.20	-2.03E-02	-5.02E-02	8.56E-01	-2.45E+00	3.48E-01	3.59E+00	1.80E+00
144.22	648.15	-2.09E-02	-4.51E-02	9.26E-01	-2.12E+00	1.05E+00	3.08E+00	1.61E+00
394.15	623.31	-3.10E-02	-4.13E-02	5.66E-01	-2.55E+00	1.02E+00	3.42E+00	1.62E+00
501.62	717.12	-6.25E-02	-6.20E-02	7.74E-01	-5.15E+00	9.59E-01	3.21E+00	1.43E+00
618.47	665.12	-5.20E-02	-5.16E-02	6.14E-01	-4.29E+00	7.67E-01	3.49E+00	1.42E+00
755.45	579.13	-3.80E-02	-3.81E-02	6.98E-01	-3.85E+00	8.22E-01	3.91E+00	1.48E+00
867.79	485.41	-3.72E-02	-3.73E-02	1.55E+00	-4.82E+00	1.52E+00	4.12E+00	1.66E+00
955.03	377.60	-3.72E-02	-3.74E-02	1.65E+00	-5.54E+00	1.54E+00	4.55E+00	1.81E+00
1331.68	-165.58	-4.29E-02	-4.34E-02	2.32E+00	-4.18E+00	2.54E+00	8.98E+00	2.14E+00
1406.74	-290.13	-3.98E-02	-3.99E-02	1.20E+00	-3.43E+00	1.35E+00	9.19E+00	3.25E+00
1456.20	-436.06	-8.95E-02	-8.94E-02	2.18E+00	-7.34E+00	2.50E+00	1.23E+01	7.03E+00
1209.21	-528.32	-1.07E-01	-1.07E-01	2.27E+00	-8.80E+00	2.64E+00	1.33E+01	5.44E+00
913.01	-694.67	-1.75E-01	-1.76E-01	1.43E+00	-1.45E+01	1.88E+00	8.27E+00	2.08E+00
717.24	-664.22	-2.05E-01	-2.05E-01	3.96E+00	-1.69E+01	4.64E+00	5.65E+00	2.03E+00
544.23	-594.35	-1.95E-01	-1.95E-01	4.18E+00	-1.60E+01	4.84E+00	4.83E+00	2.62E+00
338.12	-539.73	-1.65E-01	-1.79E-01	3.28E+00	-1.36E+01	3.84E+00	4.78E+00	2.43E+00
123.44	-529.45	-1.44E-01	-1.48E-01	2.94E+00	-1.18E+01	3.43E+00	4.29E+00	2.35E+00
-353.26	-515.05	-1.16E-01	-1.59E-01	8.29E-01	-1.01E+01	1.14E+00	3.74E+00	2.21E+00
-537.68	-487.80	-1.82E-01	-1.79E-01	-1.20E+00	-1.51E+01	-8.38E-01	4.36E+00	2.05E+00
-775.51	-486.07	-1.36E-01	-2.05E-01	2.35E-01	-1.31E+01	-7.37E-01	4.05E+00	1.89E+00
-1414.44	-481.50	-1.46E-01	-1.78E-01	1.02E-01	-1.22E+01	3.83E-01	3.51E+00	1.79E+00
-1515.21	-320.18	-1.15E-01	-2.72E-01	-8.67E-01	-1.32E+01	-2.67E+00	3.68E+00	2.05E+00
-1749.69	-63.90	-7.22E-02	-1.44E-01	-6.59E-02	-7.76E+00	-1.29E+00	4.15E+00	1.61E+00
-920.57	426.17	-2.61E-02	-6.51E-02	7.75E-01	-3.16E+00	2.96E-01	9.92E+00	2.22E+00
-420.73	233.87	-2.96E-02	-7.62E-02	8.85E-01	-3.65E+00	2.50E-01	8.61E+00	1.96E+00
1090.12	214.10	-4.81E-02	-4.84E-02	1.89E+00	-1.06E+01	2.10E+00	6.32E+00	1.98E+00
1183.39	65.17	-3.73E-02	-4.33E-02	1.85E+00	-4.59E+00	2.03E+00	6.92E+00	1.93E+00
1055.30	-577.42	-1.43E-01	-1.44E-01	5.40E+00	-1.17E+01	6.01E+00	9.16E+00	3.30E+00
-103.02	-518.78	-1.34E-01	-1.39E-01	3.43E+00	-1.10E+01	3.92E+00	3.81E+00	2.34E+00
-1076.39	-488.67	-1.32E-01	-1.61E-01	2.01E-01	-1.10E+01	5.12E-01	4.29E+00	1.65E+00
-4113.79	-1330.97	-1.56E-02	-2.39E-02	3.12E-01	-1.45E+00	2.92E-01	7.82E-01	4.99E-01
-5050.04	-958.41	-1.58E-02	-1.87E-02	3.63E-01	-1.38E+00	3.63E-01	6.71E-01	2.89E-01
-4023.97	-112.26	-1.79E-02	-2.95E-02	2.70E-01	-1.78E+00	1.06E-01	1.23E+00	3.60E-01
-2122.34	995.23	-1.69E-02	-2.71E-02	4.41E-01	-1.56E+00	3.66E-01	2.18E+00	1.19E+00
-2734.69	227.40	-3.35E-02	-5.75E-02	2.03E-01	-3.37E+00	-1.75E-01	1.75E+00	5.09E-01
-2371.11	-69.21	-3.48E-02	-6.61E-02	-1.20E-01	-3.65E+00	-3.17E-01	2.75E+00	1.07E+00
-2146.26	177.17	-4.28E-02	-7.70E-02	4.46E-01	-4.38E+00	-8.90E-02	3.23E+00	1.07E+00
-1919.02	445.07	-2.93E-02	-5.77E-02	1.54E-01	-3.14E+00	-4.10E-01	3.62E+00	1.80E+00
-1651.12	607.72	-2.18E-02	-4.01E-02	4.92E-01	-2.11E+00	3.12E-01	4.57E+00	2.33E+00
-3361.39	677.09	-1.94E-02	-3.28E-02	4.14E-01	-1.91E+00	2.35E-01	9.90E-01	4.05E-01
-3026.51	724.93	-1.87E-02	-3.11E-02	3.80E-01	-1.85E+00	2.05E-01	1.32E+00	5.22E-01
-1679.82	1478.41	-1.25E-02	-2.25E-02	2.23E-01	-1.18E+00	2.70E-01	2.92E+00	8.92E-01
-922.86	446.42	-2.55E-02	-6.33E-02	7.61E-01	-3.08E+00	3.10E-01	9.58E+00	2.23E+00
-1799.42	1088.51	-1.43E-02	-2.77E-02	5.14E-01	-1.44E+00	5.65E-01	3.34E+00	1.03E+00
-359.36	1846.44	-1.79E-02	-2.99E-02	4.25E-01	-1.75E+00	3.98E-01	3.17E+00	8.20E-01
671.30	-742.78	-7.70E-02	-7.69E-02	1.94E+00	-6.31E+00	2.22E+00	4.64E+00	1.75E+00
-1565.55	-932.22	-4.10E-02	-6.69E-02	1.38E+00	-3.98E+00	1.19E+00	2.10E+00	1.15E+00
-1733.02	-528.24	-7.89E-02	-1.33E-01	5.66E-01	-7.61E+00	6.92E-01	1.62E+00	1.36E+00
-1261.46	-507.67	-1.06E-01	-1.54E-01	1.30E-01	-8.79E+00	3.65E-01	4.37E+00	1.68E+00
-883.92	-503.26	-9.96E-02	-1.56E-01	4.98E-01	-9.44E+00	7.30E-01	3.98E+00	1.77E+00
1599.35	-1104.97	-6.55E-02	-6.64E-02	3.74E+00	-5.39E+00	4.10E+00	3.09E+00	1.84E+00
1608.16	-1382.63	-3.95E-02	-3.97E-02	1.60E+00	-3.37E+00	1.80E+00	2.50E+00	1.11E+00
3517.15	-1425.27	-1.87E-02	-2.47E-02	6.25E-01	-1.67E+00	5.87E-01	2.34E+00	1.02E+00
2959.77	-846.37	-3.35E-02	-4.08E-02	1.33E+00	-2.85E+00	1.40E+00	2.71E+00	1.22E+00
3479.67	224.81	-1.52E-02	-1.95E-02	4.11E-01	-1.36E+00	3.70E-01	1.55E+00	7.05E-01
44.43	1469.76	-2.04E-02	-3.30E-02	5.63E-01	-1.87E+00	6.36E-01	2.49E+00	1.05E+00
3044.83	-34.00	-1.91E-02	-2.17E-02	5.49E-01	-1.62E+00	5.80E-01	2.19E+00	1.30E+00
1088.00	-938.00	-	-	-	-	-	-	-
1647.00	-390.00	-	-	-	-	-	-	-
1650.00	-890.00	-	-	-	-	-	-	-
1430.00	215.00	-	-	-	-	-	-	-
1142.00	615.00	-	-	-	-	-	-	-
-333.00	-788.00	-	-	-	-	-	-	-
-42.00	-825.00	-	-	-	-	-	-	-
1900.00	-1175.00	-	-	-	-	-	-	-
1815.00	-1910.00	-	-	-	-	-	-	-
2575.00	-2650.00	-	-	-	-	-	-	-
2665.00	-2025.00	-	-	-	-	-	-	-
3480.00	-2025.00	-	-	-	-	-	-	-
2667.00	-1400.00	-	-	-	-	-	-	-
3400.00	-250.00	-	-	-	-	-	-	-
2577.00	-940.00	-	-	-	-	-	-	-
2404.00	-475.00	-	-	-	-	-	-	-
1577.00	291.00	-	-	-	-	-	-	-
2400.00	240.00	-	-	-	-	-	-	-
2600.00	1290.00	-	-	-	-	-	-	-
900.00	935.00	-	-	-	-	-	-	-
1375.00	1395.00	-	-	-	-	-	-	-

		Source Group: GSE		Source Group: ROADWAYS + PARKING				
		Averaging Period: 8H		Averaging Period: 8H				
		Pollutant: _PM10	Pollutant: _TOG	Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	-3.18E-01	-3.89E+00	-3.27E-02	-5.24E-02	-3.23E-01	-3.25E+00	-6.15E-01
-1778.03	-291.29	-4.36E-01	-4.69E+00	-2.93E-02	-5.28E-02	-3.26E-01	-3.03E+00	-6.23E-01
-1732.28	175.05	1.78E+00	1.21E+00	-1.33E-02	-2.23E-02	4.11E-02	-1.33E+00	-1.00E-01
-1579.43	347.93	-1.76E-01	-4.35E+00	-1.25E-02	-2.38E-02	-5.51E-02	-1.32E+00	-2.50E-01
-1525.43	516.64	-6.27E-01	-5.17E+00	-1.15E-02	-2.16E-02	-2.40E-02	-1.21E+00	-1.93E-01
-1332.88	500.04	-1.04E+00	-7.06E+00	-1.33E-02	-2.90E-02	-1.06E-02	-1.50E+00	-2.81E-01
-1140.45	476.30	-1.13E+00	-7.16E+00	-1.38E-02	-2.74E-02	7.03E-03	-1.48E+00	-2.20E-01
-672.12	353.55	-1.84E+00	-9.67E+00	-1.55E-02	-3.84E-02	1.76E-01	-1.85E+00	-2.94E-01
-169.37	170.38	-5.49E-01	-3.79E+00	-1.47E-02	-2.74E-02	1.44E-01	-1.53E+00	-1.02E-01
-75.04	299.11	-4.63E-01	-3.20E+00	-1.32E-02	-2.59E-02	1.63E-01	-1.41E+00	-1.02E-01
49.15	527.20	-6.85E-01	-3.66E+00	-1.27E-02	-2.35E-02	1.94E-01	-1.32E+00	5.18E-02
144.22	648.15	-7.15E-01	-3.63E+00	-1.25E-02	-2.09E-02	1.83E-01	-1.33E+00	1.07E-01
394.15	623.31	-1.12E+00	-5.29E+00	-1.72E-02	-1.98E-02	6.19E-01	-1.40E+00	7.40E-01
501.62	717.12	-6.39E-01	-3.31E+00	-3.76E-02	-3.74E-02	5.85E-01	-3.10E+00	7.34E-01
618.47	665.12	-5.33E-01	-2.75E+00	-2.65E-02	-2.64E-02	4.14E-01	-2.18E+00	5.78E-01
755.45	579.13	-4.88E-01	-2.73E+00	-1.94E-02	-1.93E-02	3.11E-01	-1.60E+00	4.08E-01
867.79	485.41	-2.04E-01	-1.83E+00	-1.97E-02	-1.97E-02	5.94E-01	-1.79E+00	7.16E-01
955.03	377.60	-1.02E-01	-1.37E+00	-1.92E-02	-1.93E-02	9.06E-01	-2.27E+00	9.17E-01
1331.68	-165.58	1.35E-01	-1.14E+00	-2.98E-02	-3.02E-02	1.68E+00	-2.66E+00	1.83E+00
1406.74	-290.13	5.26E-02	-8.74E-01	-2.61E-02	-2.62E-02	9.48E-01	-2.25E+00	1.06E+00
1456.20	-436.06	-3.27E-02	-8.56E-01	-5.48E-02	-5.48E-02	1.68E+00	-4.52E+00	1.89E+00
1209.21	-528.32	4.82E-02	-9.12E-01	-6.40E-02	-6.40E-02	1.66E+00	-5.27E+00	1.90E+00
913.01	-694.67	9.93E-02	-1.20E+00	-9.58E-02	-9.71E-02	3.39E+00	-7.88E+00	3.78E+00
717.24	-664.22	1.55E-01	-1.31E+00	-8.88E-02	-8.89E-02	2.35E+00	-7.30E+00	2.69E+00
544.23	-594.35	2.80E-01	-1.28E+00	-9.16E-02	-9.34E-02	2.24E+00	-7.53E+00	2.58E+00
338.12	-539.73	4.25E-01	-1.40E+00	-9.00E-02	-9.55E-02	2.26E+00	-7.51E+00	2.51E+00
123.44	-529.45	1.87E-01	-2.47E+00	-7.52E-02	-8.95E-02	2.25E+00	-6.38E+00	2.41E+00
-353.26	-515.05	-6.73E-01	-5.10E+00	-6.65E-02	-8.50E-02	-1.03E+00	-5.94E+00	-1.06E+00
-537.68	-487.80	-8.49E-01	-5.80E+00	-7.82E-02	-9.44E-02	-1.32E-01	-6.72E+00	-1.25E-01
-775.51	-486.07	-1.32E+00	-7.74E+00	-9.03E-02	-1.24E-01	-6.11E-01	-8.27E+00	-9.46E-01
-1414.44	-481.50	-4.99E-01	-4.85E+00	-6.26E-02	-8.64E-02	-1.76E-01	-5.79E+00	-4.85E-01
-1515.21	-320.18	-2.76E-01	-5.34E+00	-4.57E-02	-8.98E-02	-6.58E-01	-4.95E+00	-1.27E+00
-1749.69	-63.90	2.66E-01	-4.80E+00	-2.10E-02	-3.50E-02	-1.27E-01	-2.10E+00	-3.73E-01
-920.57	426.17	-1.22E+00	-7.55E+00	-1.47E-02	-3.32E-02	9.70E-02	-1.60E+00	-1.19E-01
-420.73	233.87	-1.11E+00	-6.30E+00	-1.81E-02	-4.48E-02	3.33E-02	-2.17E+00	-5.09E-01
1090.12	214.10	2.22E-01	-1.66E+00	-3.05E-02	-3.06E-02	1.28E+00	-5.25E+00	1.22E+00
1183.39	65.17	-5.94E-03	-1.92E+00	-2.47E-02	-2.53E-02	1.24E+00	-2.68E+00	1.33E+00
1055.30	-577.42	2.82E-02	-1.07E+00	-6.65E-02	-6.66E-02	1.91E+00	-5.45E+00	2.16E+00
-103.02	-518.78	-8.21E-02	-3.64E+00	-7.06E-02	-9.43E-02	1.62E+00	-6.26E+00	1.65E+00
-1076.39	-488.67	-9.54E-01	-6.95E+00	-7.33E-02	-1.09E-01	-4.81E-01	-7.02E+00	-1.12E+00
-4113.79	-1330.97	-7.25E-02	-5.96E-01	-4.15E-03	-5.50E-03	9.15E-02	-3.80E-01	7.95E-02
-5050.04	-958.41	-4.51E-02	-4.40E-01	-4.13E-03	-5.36E-03	9.45E-02	-3.74E-01	8.63E-02
-4023.97	-112.26	-8.17E-02	-7.88E-01	-4.11E-03	-6.80E-03	6.07E-02	-4.11E-01	2.04E-02
-2122.34	995.23	-1.24E-01	-1.34E+00	-5.89E-03	-9.83E-03	3.20E-02	-5.98E-01	-3.04E-02
-2734.69	227.40	-8.41E-02	-1.03E+00	-6.28E-03	-1.01E-02	7.47E-02	-6.04E-01	3.29E-02
-2371.11	-69.21	-1.98E-01	-2.33E+00	-9.23E-03	-1.38E-02	6.94E-02	-8.74E-01	1.52E-02
-2146.26	177.17	-5.85E-02	-1.77E+00	-9.26E-03	-1.67E-02	6.70E-02	-9.51E-01	-5.25E-02
-1919.02	445.07	1.55E-01	-1.15E+00	-8.58E-03	-1.37E-02	-6.19E-03	-8.47E-01	-7.91E-02
-1651.12	607.72	-1.10E-01	-2.77E+00	-9.65E-03	-1.69E-02	1.22E-02	-9.92E-01	-1.00E-01
-3361.39	677.09	-5.36E-02	-7.19E-01	-4.63E-03	-7.33E-03	5.27E-02	-4.49E-01	1.46E-02
-3026.51	724.93	-9.02E-02	-9.25E-01	-4.54E-03	-6.78E-03	7.21E-02	-4.27E-01	4.55E-02
-1679.82	1478.41	-2.55E-01	-1.95E+00	-6.41E-03	-1.07E-02	5.82E-02	-6.09E-01	3.67E-02
-922.86	446.42	-1.05E+00	-6.80E+00	-1.44E-02	-3.23E-02	9.87E-02	-1.56E+00	-1.09E-01
-1799.42	1088.51	-1.29E-01	-1.66E+00	-7.12E-03	-1.18E-02	4.46E-02	-7.18E-01	-2.78E-02
-359.36	1846.44	-2.46E-01	-1.58E+00	-9.36E-03	-1.26E-02	2.28E-01	-8.00E-01	2.66E-01
671.30	-742.78	2.66E-02	-1.65E+00	-3.72E-02	-3.80E-02	1.27E+00	-3.05E+00	1.41E+00
-1565.55	-932.22	-3.37E-01	-2.58E+00	-2.24E-02	-3.31E-02	6.88E-01	-2.05E+00	6.89E-01
-1733.02	-528.24	-1.54E-01	-2.60E+00	-3.43E-02	-5.03E-02	1.37E-01	-3.20E+00	-4.04E-02
-1261.46	-507.67	-7.87E-01	-5.98E+00	-5.93E-02	-8.97E-02	-5.92E-01	-5.73E+00	-1.09E+00
-883.92	-503.26	-1.31E+00	-7.81E+00	-6.63E-02	-1.06E-01	-3.63E-01	-6.43E+00	-6.64E-01
1599.35	-1104.97	-4.00E-02	-1.04E+00	-3.83E-02	-3.89E-02	2.26E+00	-3.12E+00	2.47E+00
1608.16	-1382.63	-6.31E-02	-1.04E+00	-2.09E-02	-2.20E-02	7.93E-01	-1.74E+00	8.86E-01
3517.15	-1425.27	-3.75E-02	-5.58E-01	-8.88E-03	-1.10E-02	3.80E-01	-7.78E-01	3.80E-01
2959.77	-846.37	-4.92E-02	-5.72E-01	-1.14E-02	-1.22E-02	5.25E-01	-9.76E-01	5.62E-01
3479.67	224.81	-5.80E-02	-5.45E-01	-4.20E-03	-5.21E-03	1.54E-01	-3.76E-01	1.65E-01
44.43	1469.76	-3.03E-01	-2.03E+00	-1.09E-02	-1.62E-02	2.98E-01	-9.75E-01	3.51E-01
3044.83	-34.00	-3.58E-02	-5.76E-01	-5.84E-03	-7.81E-03	1.83E-01	-5.47E-01	1.93E-01
1088.00	-938.00	-	-	-	-	-	-	-
1647.00	-390.00	-	-	-	-	-	-	-
1650.00	-890.00	-	-	-	-	-	-	-
1430.00	215.00	-	-	-	-	-	-	-
1142.00	615.00	-	-	-	-	-	-	-
-333.00	-788.00	-	-	-	-	-	-	-
-42.00	-825.00	-	-	-	-	-	-	-
1900.00	-1175.00	-	-	-	-	-	-	-
1815.00	-1910.00	-	-	-	-	-	-	-
2575.00	-2650.00	-	-	-	-	-	-	-
2665.00	-2025.00	-	-	-	-	-	-	-
3480.00	-2025.00	-	-	-	-	-	-	-
2667.00	-1400.00	-	-	-	-	-	-	-
3400.00	-250.00	-	-	-	-	-	-	-
2577.00	-940.00	-	-	-	-	-	-	-
2404.00	-475.00	-	-	-	-	-	-	-
1577.00	291.00	-	-	-	-	-	-	-
2400.00	240.00	-	-	-	-	-	-	-
2600.00	1290.00	-	-	-	-	-	-	-
900.00	935.00	-	-	-	-	-	-	-
1375.00	1395.00	-	-	-	-	-	-	-

		Source Group: AIRCRAFT		Source Group: GSE	
		Averaging Period: AN		Averaging Period: AN	
		Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG
X	Y	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL	2035PP-2018BL
-1710.89	-383.91	1.42E-01	1.24E-01	2.72E-02	-1.13E-01
-1778.03	-291.29	1.24E-01	1.03E-01	3.19E-02	-5.99E-02
-1732.28	175.05	1.27E-01	1.03E-01	7.01E-02	7.94E-02
-1579.43	347.93	1.55E-01	1.16E-01	7.98E-02	9.88E-02
-1525.43	516.64	1.21E-01	1.06E-01	2.12E-02	-3.53E-02
-1332.88	500.04	2.46E-01	3.25E-01	-5.78E-03	-1.92E-01
-1140.45	476.30	5.09E-01	4.13E-01	-6.52E-02	-4.43E-01
-672.12	353.55	4.29E-01	2.96E-01	-1.09E-01	-6.07E-01
-169.37	170.38	6.62E-01	3.65E-01	9.31E-03	-1.14E-01
-75.04	299.11	4.20E-01	2.48E-01	-1.79E-03	-1.19E-01
49.15	527.20	2.66E-01	1.66E-01	-1.67E-02	-1.42E-01
144.22	648.15	2.25E-01	1.42E-01	-1.98E-02	-1.41E-01
394.15	623.31	2.30E-01	1.37E-01	-1.18E-01	-5.32E-01
501.62	717.12	2.09E-01	1.22E-01	-5.41E-02	-2.66E-01
618.47	665.12	2.22E-01	1.23E-01	-4.05E-02	-2.14E-01
755.45	579.13	2.44E-01	1.27E-01	-2.17E-02	-1.43E-01
867.79	485.41	2.71E-01	1.34E-01	-8.55E-03	-9.66E-02
955.03	377.60	3.05E-01	1.46E-01	-2.68E-03	-8.62E-02
1331.68	-165.58	4.38E-01	2.94E-01	3.25E-02	-9.37E-02
1406.74	-290.13	6.10E-01	4.14E-01	9.47E-03	-9.26E-02
1456.20	-436.06	8.44E-01	6.95E-01	1.09E-03	-9.02E-02
1209.21	-528.32	1.51E+00	1.34E+00	1.64E-03	-1.04E-01
913.01	-694.67	1.03E+00	7.35E-01	8.81E-03	-1.19E-01
717.24	-664.22	9.69E-01	6.94E-01	1.69E-02	-1.23E-01
544.23	-594.35	9.55E-01	7.16E-01	3.40E-02	-1.06E-01
338.12	-539.73	8.90E-01	7.05E-01	9.12E-02	-5.08E-03
123.44	-529.45	7.83E-01	6.32E-01	1.94E-01	1.89E-01
-353.26	-515.05	5.97E-01	4.86E-01	-8.72E-02	-7.67E-01
-537.68	-487.80	5.49E-01	4.56E-01	-1.69E-01	-1.12E+00
-775.51	-486.07	4.72E-01	3.93E-01	-1.60E-01	-1.11E+00
-1414.44	-481.50	2.49E-01	2.22E-01	-2.08E-02	-4.37E-01
-1515.21	-320.18	2.36E-01	2.30E-01	2.87E-02	-4.41E-01
-1749.69	-63.90	1.30E-01	1.09E-01	1.03E-01	9.96E-02
-920.57	426.17	4.30E-01	3.10E-01	-1.17E-01	-6.47E-01
-420.73	233.87	5.74E-01	3.54E-01	-6.51E-02	-4.25E-01
1090.12	214.10	3.45E-01	1.69E-01	9.27E-03	-1.07E-01
1183.39	65.17	3.58E-01	2.02E-01	3.18E-02	-1.22E-01
1055.30	-577.42	1.44E+00	1.09E+00	3.77E-03	-1.12E-01
-103.02	-518.78	6.99E-01	5.63E-01	1.25E-01	-8.70E-02
-1076.39	-488.67	3.78E-01	3.15E-01	-1.16E-01	-9.27E-01
-4113.79	-1330.97	1.62E-02	9.58E-03	-1.01E-03	-1.04E-02
-5050.04	-958.41	1.14E-02	6.15E-03	-7.21E-04	-7.44E-03
-4023.97	-112.26	1.67E-02	9.14E-03	-1.07E-03	-1.15E-02
-2122.34	995.23	2.93E-02	1.84E-02	-7.78E-04	-1.64E-02
-2734.69	227.40	3.41E-02	2.09E-02	-2.10E-03	-2.56E-02
-2371.11	-69.21	4.84E-02	3.16E-02	-2.17E-03	-4.05E-02
-2146.26	177.17	6.18E-02	4.16E-02	-1.51E-03	-4.51E-02
-1919.02	445.07	7.48E-02	4.73E-02	-1.05E-03	-3.77E-02
-1651.12	607.72	7.82E-02	5.75E-02	1.21E-02	-2.06E-02
-3361.39	677.09	2.14E-02	1.24E-02	-1.33E-03	-1.33E-02
-3026.51	724.93	2.43E-02	1.45E-02	-1.54E-03	-1.50E-02
-1679.82	1478.41	4.05E-02	3.24E-02	-1.55E-03	-2.85E-02
-922.86	446.42	4.14E-01	3.02E-01	-1.08E-01	-6.05E-01
-1799.42	1088.51	3.81E-02	3.00E-02	2.86E-04	-2.37E-02
-359.36	1846.44	8.22E-02	6.17E-02	-7.11E-03	-5.84E-02
671.30	-742.78	7.96E-01	5.79E-01	1.45E-02	-1.38E-01
-1565.55	-932.22	1.43E-01	1.13E-01	-1.18E-02	-1.66E-01
-1733.02	-528.24	1.31E-01	1.10E-01	1.12E-02	-1.10E-01
-1261.46	-507.67	3.03E-01	2.58E-01	-6.52E-02	-6.47E-01
-883.92	-503.26	4.29E-01	3.55E-01	-1.42E-01	-1.02E+00
1599.35	-1104.97	4.61E-01	3.42E-01	-2.61E-03	-9.49E-02
1608.16	-1382.63	3.41E-01	2.47E-01	-4.55E-03	-9.60E-02
3517.15	-1425.27	1.52E-01	1.00E-01	-3.28E-03	-3.96E-02
2959.77	-846.37	1.66E-01	1.03E-01	-3.89E-03	-4.13E-02
3479.67	224.81	3.47E-02	2.09E-02	-1.15E-03	-1.17E-02
44.43	1469.76	1.12E-01	8.05E-02	-9.74E-03	-7.72E-02
3044.83	-34.00	5.40E-02	3.20E-02	-1.98E-03	-1.77E-02
1088.00	-938.00	6.56E-01	4.84E-01	1.40E-03	-1.23E-01
1647.00	-390.00	4.45E-01	2.73E-01	-6.42E-04	-8.23E-02
1650.00	-890.00	5.73E-01	4.37E-01	-2.31E-03	-8.64E-02
1430.00	215.00	1.98E-01	1.31E-01	-2.61E-03	-5.59E-02
1142.00	615.00	2.01E-01	1.07E-01	1.62E-03	-3.96E-02
-333.00	-788.00	4.16E-01	3.21E-01	-3.30E-02	-3.92E-01
-42.00	-825.00	4.60E-01	3.54E-01	7.12E-03	-2.38E-01
1900.00	-1175.00	3.79E-01	2.79E-01	-3.38E-03	-8.16E-02
1815.00	-1910.00	2.10E-01	1.48E-01	-4.57E-03	-7.20E-02
2575.00	-2650.00	1.23E-01	8.47E-02	-3.32E-03	-4.49E-02
2665.00	-2025.00	1.68E-01	1.20E-01	-4.13E-03	-5.82E-02
3480.00	-2025.00	1.41E-01	9.88E-02	-3.38E-03	-4.57E-02
2667.00	-1400.00	2.33E-01	1.65E-01	-3.70E-03	-5.82E-02
3400.00	-250.00	5.63E-02	3.31E-02	-2.04E-03	-1.78E-02
2577.00	-940.00	2.53E-01	1.67E-01	-4.02E-03	-5.31E-02
2404.00	-475.00	1.76E-01	1.04E-01	-4.74E-03	-4.87E-02
1577.00	291.00	1.51E-01	1.03E-01	-1.92E-03	-3.76E-02
2400.00	240.00	6.29E-02	3.93E-02	-1.98E-03	-2.00E-02
2600.00	1290.00	4.90E-02	2.98E-02	-5.03E-04	-1.19E-02
900.00	935.00	1.66E-01	9.23E-02	-9.70E-03	-7.62E-02
1375.00	1395.00	1.02E-01	6.01E-02	-3.18E-03	-3.55E-02

Source Group: ROADWAYS + PARKING
Averaging Period: AN

X	Y	Pollutant: -D_PM10 2035PP-2018BL	Pollutant: -D_TOG 2035PP-2018BL	Pollutant: -G_PM10 2035PP-2018BL	Pollutant: -G_TOG 2035PP-2018BL	Pollutant: -TB_PM10 2035PP-2018BL
-1710.89	-383.91	-3.36E-03	-3.85E-03	-2.99E-02	-2.95E-01	-3.43E-02
-1778.03	-291.29	-2.17E-03	-2.60E-03	-1.87E-02	-1.94E-01	-2.36E-02
-1732.28	175.05	-6.00E-04	-7.89E-04	3.82E-03	-5.51E-02	1.83E-03
-1579.43	347.93	-5.76E-04	-7.85E-04	2.88E-03	-5.36E-02	4.00E-04
-1525.43	516.64	-5.13E-04	-7.23E-04	2.78E-03	-4.83E-02	1.72E-04
-1332.88	500.04	-6.65E-04	-1.06E-03	1.62E-03	-6.56E-02	-4.29E-03
-1140.45	476.30	-8.50E-04	-1.47E-03	6.36E-04	-8.68E-02	-9.37E-03
-672.12	353.55	-1.44E-03	-2.75E-03	3.67E-03	-1.53E-01	-1.80E-02
-169.37	170.38	-1.56E-03	-2.20E-03	2.39E-02	-1.46E-01	1.70E-02
-75.04	299.11	-1.53E-03	-2.03E-03	2.49E-02	-1.40E-01	2.08E-02
49.15	527.20	-1.78E-03	-2.17E-03	2.90E-02	-1.58E-01	2.82E-02
144.22	648.15	-2.31E-03	-2.63E-03	3.60E-02	-2.00E-01	3.84E-02
394.15	623.31	-3.59E-03	-3.80E-03	7.88E-02	-3.03E-01	9.10E-02
501.62	717.12	-9.15E-03	-9.31E-03	1.80E-01	-7.58E-01	2.14E-01
618.47	665.12	-6.14E-03	-6.27E-03	1.28E-01	-5.11E-01	1.57E-01
755.45	579.13	-4.71E-03	-4.83E-03	1.13E-01	-3.94E-01	1.42E-01
867.79	485.41	-4.69E-03	-4.80E-03	1.27E-01	-3.96E-01	1.54E-01
955.03	377.60	-4.09E-03	-4.20E-03	1.35E-01	-3.65E-01	1.55E-01
1331.68	-165.58	-7.13E-03	-7.32E-03	3.96E-01	-6.13E-01	4.31E-01
1406.74	-290.13	-6.05E-03	-6.18E-03	2.33E-01	-5.19E-01	2.58E-01
1456.20	-436.06	-9.61E-03	-9.75E-03	3.12E-01	-8.05E-01	3.49E-01
1209.21	-528.32	-9.16E-03	-9.35E-03	2.82E-01	-7.68E-01	3.16E-01
913.01	-694.67	-2.71E-02	-2.75E-02	8.75E-01	-2.23E+00	9.76E-01
717.24	-664.22	-2.27E-02	-2.31E-02	4.63E-01	-1.88E+00	5.30E-01
544.23	-594.35	-2.53E-02	-2.59E-02	4.63E-01	-2.10E+00	5.35E-01
338.12	-539.73	-2.69E-02	-2.77E-02	5.14E-01	-2.24E+00	5.88E-01
123.44	-529.45	-2.14E-02	-2.28E-02	5.61E-01	-1.79E+00	6.13E-01
-353.26	-515.05	-1.84E-02	-2.20E-02	-4.50E-01	-1.65E+00	-5.07E-01
-537.68	-487.80	-1.87E-02	-2.43E-02	7.06E-02	-1.69E+00	4.56E-03
-775.51	-486.07	-2.21E-02	-2.88E-02	-2.12E-01	-2.01E+00	-3.06E-01
-1414.44	-481.50	-1.29E-02	-1.50E-02	4.80E-02	-1.12E+00	3.58E-02
-1515.21	-320.18	-6.93E-03	-8.09E-03	-1.35E-01	-6.15E-01	-1.52E-01
-1749.69	-63.90	-9.93E-04	-1.36E-03	-5.26E-05	-9.29E-02	-4.99E-03
-920.57	426.17	-1.10E-03	-1.99E-03	6.95E-04	-1.14E-01	-1.38E-02
-420.73	233.87	-1.64E-03	-2.90E-03	1.27E-02	-1.68E-01	-6.95E-03
1090.12	214.10	-6.82E-03	-6.95E-03	3.25E-01	-9.69E-01	3.15E-01
1183.39	65.17	-7.46E-03	-7.65E-03	4.19E-01	-7.17E-01	4.48E-01
1055.30	-577.42	-9.83E-03	-1.01E-02	2.79E-01	-8.24E-01	3.12E-01
-103.02	-518.78	-1.97E-02	-2.19E-02	5.94E-02	-1.69E+00	6.13E-02
-1076.39	-488.67	-1.75E-02	-2.42E-02	-1.54E-01	-1.63E+00	-2.57E-01
-4113.79	-1330.97	-1.23E-04	-1.61E-04	2.26E-03	-1.12E-02	1.95E-03
-5050.04	-958.41	-8.56E-05	-1.10E-04	1.60E-03	-7.77E-03	1.46E-03
-4023.97	-112.26	-1.26E-04	-1.67E-04	2.03E-03	-1.15E-02	1.69E-03
-2122.34	995.23	-2.08E-04	-2.57E-04	3.13E-03	-1.87E-02	3.00E-03
-2734.69	227.40	-2.43E-04	-3.24E-04	3.69E-03	-2.24E-02	2.96E-03
-2371.11	-69.21	-4.52E-04	-5.95E-04	5.50E-03	-4.13E-02	4.11E-03
-2146.26	177.17	-3.93E-04	-5.26E-04	5.16E-03	-3.61E-02	3.86E-03
-1919.02	445.07	-3.50E-04	-4.44E-04	4.54E-03	-3.17E-02	3.93E-03
-1651.12	607.72	-4.06E-04	-5.42E-04	3.35E-03	-3.75E-02	1.99E-03
-3361.39	677.09	-1.28E-04	-1.67E-04	2.25E-03	-1.17E-02	1.99E-03
-3026.51	724.93	-1.45E-04	-1.85E-04	2.66E-03	-1.32E-02	2.46E-03
-1679.82	1478.41	-2.47E-04	-3.33E-04	2.29E-03	-2.29E-02	1.52E-03
-922.86	446.42	-1.07E-03	-1.92E-03	9.38E-04	-1.11E-01	-1.28E-02
-1799.42	1088.51	-2.64E-04	-3.44E-04	2.92E-03	-2.42E-02	2.34E-03
-359.36	1846.44	-6.03E-04	-7.67E-04	6.41E-03	-5.41E-02	5.31E-03
671.30	-742.78	-8.13E-03	-8.82E-03	2.42E-01	-6.87E-01	2.62E-01
-1565.55	-932.22	-4.29E-03	-4.97E-03	1.71E-01	-3.66E-01	1.77E-01
-1733.02	-528.24	-7.37E-03	-7.76E-03	7.51E-02	-6.20E-01	8.74E-02
-1261.46	-507.67	-1.17E-02	-1.60E-02	-1.04E-01	-1.09E+00	-1.72E-01
-883.92	-503.26	-1.47E-02	-2.09E-02	-1.06E-01	-1.38E+00	-2.02E-01
1599.35	-1104.97	-9.29E-03	-9.70E-03	4.61E-01	-7.66E-01	5.01E-01
1608.16	-1382.63	-5.70E-03	-6.09E-03	1.89E-01	-4.79E-01	2.05E-01
3517.15	-1425.27	-7.50E-04	-8.43E-04	3.12E-02	-6.56E-02	3.34E-02
2959.77	-846.37	-8.16E-04	-8.84E-04	3.26E-02	-7.26E-02	3.57E-02
3479.67	224.81	-2.56E-04	-2.85E-04	8.73E-03	-2.24E-02	1.07E-02
44.43	1469.76	-9.89E-04	-1.18E-03	1.36E-02	-8.68E-02	1.41E-02
3044.83	-34.00	-4.45E-04	-4.84E-04	1.59E-02	-3.93E-02	1.90E-02
1088.00	-938.00	-5.47E-03	-5.97E-03	1.91E-01	-4.65E-01	2.05E-01
1647.00	-390.00	-1.46E-02	-1.48E-02	6.32E-01	-1.21E+00	6.98E-01
1650.00	-890.00	-1.68E-02	-1.71E-02	6.45E-01	-1.38E+00	7.14E-01
1430.00	215.00	-1.26E-02	-1.28E-02	6.12E-01	-1.14E+00	6.63E-01
1142.00	615.00	-3.18E-03	-3.28E-03	1.19E-01	-2.98E-01	1.41E-01
-333.00	-788.00	-5.04E-03	-7.17E-03	1.50E-02	-4.72E-01	-1.42E-02
-42.00	-825.00	-4.56E-03	-6.16E-03	4.93E-02	-4.18E-01	3.17E-02
1900.00	-1175.00	-4.39E-03	-4.70E-03	2.38E-01	-3.66E-01	2.56E-01
1815.00	-1910.00	-1.69E-03	-1.98E-03	6.01E-02	-1.48E-01	6.23E-02
2575.00	-2650.00	-7.93E-04	-9.59E-04	2.60E-02	-7.04E-02	2.65E-02
2665.00	-2025.00	-1.12E-03	-1.34E-03	3.99E-02	-9.84E-02	4.08E-02
3480.00	-2025.00	-8.22E-04	-9.80E-04	3.08E-02	-7.25E-02	3.17E-02
2667.00	-1400.00	-1.57E-03	-1.75E-03	7.34E-02	-1.35E-01	7.82E-02
3400.00	-250.00	-3.73E-04	-4.10E-04	1.25E-02	-3.35E-02	1.48E-02
2577.00	-940.00	-1.52E-03	-1.62E-03	7.11E-02	-1.30E-01	7.72E-02
2404.00	-475.00	-1.44E-03	-1.51E-03	6.64E-02	-1.27E-01	7.29E-02
1577.00	291.00	-2.82E-03	-2.90E-03	1.22E-01	-2.56E-01	1.36E-01
2400.00	240.00	-7.39E-04	-7.84E-04	2.69E-02	-6.41E-02	3.25E-02
2600.00	1290.00	-3.46E-04	-3.83E-04	1.33E-02	-3.06E-02	1.46E-02
900.00	935.00	-2.34E-03	-2.45E-03	5.04E-02	-1.99E-01	1.38E-01
1375.00	1395.00	-6.66E-04	-7.51E-04	2.18E-02	-6.11E-02	2.76E-02

		Phase: 1A1B						
		Source Group: Diesel Exhaust		Source Group: Fugitive		Source Group: Gasoline Exhaust		Source Group: Tire Wear / Brake Wear (TB)
		Averaging Period: 8HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: 8HR_1ST
		PM10	VOC	PM10	VOC	PM10	VOC	PM10
X	Y	2024	2024	2024	2024	2024	2024	2024
-1676.31	37.19	6.57E-01	2.12E+00	2.61E+00	4.79E-01	2.80E-04	1.46E-03	1.98E-02
-1665.73	-227.40	6.31E-01	2.04E+00	2.77E+00	4.43E-01	2.50E-04	1.31E-03	2.04E-02
-1680.55	-102.51	6.40E-01	2.06E+00	2.64E+00	4.82E-01	2.70E-04	1.42E-03	2.01E-02
-1492.16	-237.98	7.93E-01	2.56E+00	3.47E+00	5.57E-01	3.10E-04	1.62E-03	2.56E-02
-1098.46	24.49	1.11E+00	3.62E+00	4.15E+00	7.09E-01	4.70E-04	2.43E-03	3.01E-02
-1047.66	-125.80	1.61E+00	5.19E+00	5.54E+00	1.05E+00	6.20E-04	3.26E-03	4.31E-02
-785.20	-132.15	2.69E+00	8.81E+00	1.03E+01	1.48E+00	1.15E-03	5.83E-03	7.31E-02
-897.38	-85.58	1.83E+00	5.95E+00	6.49E+00	1.09E+00	7.40E-04	3.84E-03	4.75E-02
-848.70	18.14	1.92E+00	6.38E+00	8.42E+00	9.60E-01	9.20E-04	4.53E-03	5.37E-02
-666.66	-41.13	2.56E+00	8.46E+00	1.07E+01	1.37E+00	1.19E-03	5.94E-03	7.06E-02
-615.86	-166.02	3.95E+00	1.29E+01	1.51E+01	2.48E+00	1.80E-03	9.29E-03	1.10E-01
-797.90	-303.60	4.75E+00	1.53E+01	2.44E+01	3.16E+00	1.68E-03	8.76E-03	1.80E-01
-967.23	-390.38	3.75E+00	1.21E+01	1.52E+01	2.57E+00	1.47E-03	7.77E-03	1.17E-01
-795.78	-202.00	3.38E+00	1.09E+01	1.26E+01	2.28E+00	1.41E-03	7.38E-03	9.99E-02
-455.00	-89.81	3.15E+00	1.02E+01	1.08E+01	2.12E+00	1.34E-03	7.10E-03	8.50E-02
-488.86	-214.70	3.42E+00	1.10E+01	1.13E+01	2.24E+00	1.38E-03	7.34E-03	8.97E-02
-529.08	-356.52	3.26E+00	1.06E+01	1.10E+01	2.24E+00	1.34E-03	7.10E-03	8.76E-02
-647.61	-329.00	3.31E+00	1.06E+01	1.32E+01	2.30E+00	1.35E-03	7.19E-03	1.03E-01
-281.43	-142.73	3.11E+00	1.00E+01	1.04E+01	2.12E+00	1.30E-03	6.93E-03	8.32E-02
-319.53	-271.85	3.18E+00	1.03E+01	1.06E+01	2.15E+00	1.27E-03	6.82E-03	8.54E-02
-355.51	-390.38	3.24E+00	1.04E+01	1.01E+01	2.16E+00	1.29E-03	6.89E-03	8.28E-02
-126.91	-115.21	2.66E+00	8.57E+00	9.08E+00	1.87E+00	1.14E-03	6.07E-03	7.26E-02
-171.36	-263.38	3.04E+00	9.78E+00	1.00E+01	2.07E+00	1.23E-03	6.57E-03	8.09E-02
-205.23	-386.15	3.20E+00	1.03E+01	9.87E+00	2.16E+00	1.27E-03	6.80E-03	8.18E-02
31.84	-157.55	2.48E+00	7.98E+00	8.48E+00	1.72E+00	1.05E-03	5.55E-03	6.65E-02
-16.84	-295.13	2.88E+00	9.26E+00	9.14E+00	2.00E+00	1.17E-03	6.29E-03	7.57E-02
-54.94	-403.08	3.20E+00	1.03E+01	9.90E+00	2.17E+00	1.27E-03	6.82E-03	8.21E-02
169.42	-206.23	2.44E+00	7.84E+00	8.06E+00	1.71E+00	1.00E-03	5.39E-03	6.45E-02
120.74	-335.35	2.99E+00	9.60E+00	9.43E+00	2.07E+00	1.21E-03	6.48E-03	7.81E-02
99.57	-434.83	3.14E+00	1.01E+01	9.84E+00	2.16E+00	1.26E-03	6.78E-03	8.16E-02
518.67	-307.83	8.35E-01	2.68E+00	8.27E+00	6.70E-01	6.00E-04	2.34E-03	3.45E-02
290.07	-242.22	1.55E+00	4.98E+00	7.86E+00	1.07E+00	6.70E-04	3.34E-03	4.26E-02
249.86	-333.23	1.86E+00	5.98E+00	8.49E+00	1.22E+00	8.20E-04	3.83E-03	5.01E-02
366.27	-348.05	1.27E+00	4.08E+00	7.84E+00	8.73E-01	6.30E-04	2.75E-03	3.69E-02
260.44	-466.58	2.12E+00	6.82E+00	7.66E+00	1.60E+00	9.40E-04	5.02E-03	6.05E-02
472.11	-491.98	1.82E+00	5.85E+00	6.76E+00	1.45E+00	8.50E-04	4.53E-03	5.42E-02
683.77	-570.30	1.62E+00	5.19E+00	6.30E+00	1.37E+00	7.90E-04	4.25E-03	5.07E-02

Phase: 1A
Source Group: Diesel Exhaust

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	1.63E+00	1.31E+00	1.18E+00	1.10E+00	4.32E+00	3.78E+00	3.60E+00	3.53E+00	2.26E-01	1.82E-01	1.64E-01	4.84E-01	6.01E-01	5.26E-01	5.01E-01	1.55E+00	2.29E-03	1.84E-03	1.66E-03	2.11E-02	6.08E-03	5.33E-03	5.07E-03	6.74E-02
-1778.03	-291.29	1.48E+00	1.19E+00	1.07E+00	1.01E+00	3.92E+00	3.44E+00	3.27E+00	3.22E+00	2.46E-01	1.98E-01	1.79E-01	4.71E-01	6.53E-01	5.72E-01	5.44E-01	1.51E+00	2.05E-03	1.65E-03	1.49E-03	2.02E-02	5.46E-03	4.78E-03	4.55E-03	6.47E-02
-1732.28	175.05	1.33E+00	1.07E+00	9.64E-01	9.01E-01	3.52E+00	3.09E+00	2.94E+00	2.88E+00	2.48E-01	1.99E-01	1.80E-01	5.22E-01	6.59E-01	5.78E-01	5.50E-01	1.67E+00	1.84E-03	1.48E-03	1.34E-03	1.65E-02	4.90E-03	4.29E-03	4.09E-03	5.26E-02
-1579.43	347.93	1.22E+00	9.81E-01	8.87E-01	8.35E-01	3.24E+00	2.84E+00	2.70E+00	2.67E+00	2.02E-01	1.62E-01	1.47E-01	3.77E-01	5.37E-01	4.70E-01	4.48E-01	1.21E+00	1.65E-03	1.33E-03	1.20E-03	1.36E-02	4.40E-03	3.85E-03	3.67E-03	4.36E-02
-1525.43	516.64	1.21E+00	9.73E-01	8.80E-01	8.23E-01	3.22E+00	2.82E+00	2.68E+00	2.63E+00	1.51E-01	1.22E-01	1.10E-01	3.32E-01	4.02E-01	3.52E-01	3.35E-01	1.06E+00	1.38E-03	1.11E-03	1.00E-03	1.05E-02	3.66E-03	3.20E-03	3.05E-03	3.37E-02
-1332.88	500.04	1.27E+00	1.02E+00	9.23E-01	8.62E-01	3.37E+00	2.95E+00	2.81E+00	2.76E+00	1.59E-01	1.28E-01	1.15E-01	3.59E-01	4.21E-01	3.69E-01	3.52E-01	1.15E+00	1.63E-03	1.31E-03	1.18E-03	1.23E-02	4.33E-03	3.79E-03	3.61E-03	3.94E-02
-1140.45	476.30	1.28E+00	1.03E+00	9.29E-01	8.68E-01	3.39E+00	2.97E+00	2.83E+00	2.78E+00	1.65E-01	1.33E-01	1.20E-01	3.71E-01	4.38E-01	3.84E-01	3.66E-01	1.19E+00	2.01E-03	1.61E-03	1.46E-03	1.58E-02	5.33E-03	4.67E-03	4.45E-03	5.06E-02
-672.12	353.55	1.60E+00	1.29E+00	1.17E+00	1.09E+00	4.26E+00	3.74E+00	3.56E+00	3.49E+00	2.21E-01	1.78E-01	1.61E-01	5.78E-01	5.87E-01	5.14E-01	4.90E-01	1.85E+00	5.31E-03	4.27E-03	3.86E-03	4.16E-02	1.41E-02	1.24E-02	1.18E-02	1.33E-01
-169.37	170.38	1.65E+00	1.33E+00	1.20E+00	1.42E+00	4.39E+00	3.85E+00	3.66E+00	4.54E+00	3.96E-01	3.18E-01	2.88E-01	8.69E-01	1.05E+00	9.21E-01	8.77E-01	2.78E+00	1.70E-02	1.37E-02	1.24E-02	1.11E-01	4.52E-02	3.96E-02	3.77E-02	3.54E-01
-75.04	299.11	1.38E+00	1.11E+00	1.00E+00	1.15E+00	3.65E+00	3.20E+00	3.05E+00	3.69E+00	3.14E-01	2.53E-01	2.28E-01	7.04E-01	8.35E-01	7.31E-01	6.96E-01	2.25E+00	1.07E-02	8.61E-03	7.79E-03	7.90E-02	2.85E-02	2.49E-02	2.37E-02	2.53E-01
49.15	527.20	1.06E+00	8.53E-01	7.71E-01	8.70E-01	2.82E+00	2.47E+00	2.35E+00	2.79E+00	2.26E-01	1.82E-01	1.64E-01	5.23E-01	6.01E-01	5.27E-01	5.01E-01	1.67E+00	5.86E-03	4.71E-03	4.26E-03	5.04E-02	1.56E-02	1.36E-02	1.30E-02	1.61E-01
144.22	648.15	9.51E-01	7.65E-01	6.92E-01	7.82E-01	2.53E+00	2.22E+00	2.11E+00	2.50E+00	1.88E-01	1.51E-01	1.37E-01	4.59E-01	4.99E-01	4.37E-01	4.16E-01	1.47E+00	4.55E-03	3.66E-03	3.31E-03	4.12E-02	1.21E-02	1.06E-02	1.01E-02	1.32E-01
394.15	623.31	8.58E-01	6.90E-01	6.24E-01	7.83E-01	2.28E+00	2.00E+00	1.90E+00	2.51E+00	1.33E-01	1.07E-01	9.65E-02	4.34E-01	3.53E-01	3.09E-01	2.94E-01	1.39E+00	4.37E-03	3.52E-03	3.18E-03	3.82E-02	1.16E-02	1.02E-02	9.70E-03	1.22E-01
501.62	717.12	7.44E-01	5.99E-01	5.41E-01	7.19E-01	1.98E+00	1.73E+00	1.65E+00	2.30E+00	1.01E-01	8.14E-02	7.36E-02	3.89E-01	2.69E-01	2.36E-01	2.24E-01	1.25E+00	3.58E-03	2.88E-03	2.61E-03	3.18E-02	9.52E-03	8.35E-03	7.94E-03	1.02E-01
618.47	665.12	6.35E-01	5.11E-01	4.62E-01	7.17E-01	1.69E+00	1.48E+00	1.41E+00	2.29E+00	8.63E-02	6.94E-02	6.27E-02	4.20E-01	2.29E-01	2.01E-01	1.91E-01	1.34E+00	3.52E-03	2.83E-03	2.56E-03	3.05E-02	9.37E-03	8.21E-03	7.81E-03	9.76E-02
755.45	579.13	7.50E-01	6.03E-01	5.45E-01	7.53E-01	1.99E+00	1.75E+00	1.66E+00	2.41E+00	1.00E-01	8.06E-02	7.29E-02	4.28E-01	2.66E-01	2.33E-01	2.22E-01	1.37E+00	3.40E-03	2.73E-03	2.47E-03	2.85E-02	9.03E-03	7.91E-03	7.53E-03	9.11E-02
867.79	485.41	7.90E-01	6.36E-01	5.75E-01	7.88E-01	2.10E+00	1.84E+00	1.75E+00	2.52E+00	1.04E-01	8.36E-02	7.56E-02	4.00E-01	2.76E-01	2.42E-01	2.30E-01	1.28E+00	3.23E-03	2.60E-03	2.35E-03	2.63E-02	8.58E-03	7.52E-03	7.16E-03	8.40E-02
955.03	377.60	7.54E-01	6.06E-01	5.48E-01	8.07E-01	2.00E+00	1.76E+00	1.67E+00	2.58E+00	9.81E-02	7.89E-02	7.13E-02	3.46E-01	2.61E-01	2.28E-01	2.17E-01	1.11E+00	3.10E-03	2.49E-03	2.25E-03	2.43E-02	8.23E-03	7.22E-03	6.87E-03	7.78E-02
1331.68	-165.58	1.23E+00	9.91E-01	8.97E-01	9.05E-01	3.28E+00	2.87E+00	2.73E+00	2.89E+00	1.54E-01	1.24E-01	1.12E-01	2.73E-01	4.09E-01	3.59E-01	3.42E-01	8.75E-01	2.46E-03	1.98E-03	1.79E-03	1.69E-02	6.54E-03	5.73E-03	5.46E-03	5.41E-02
1406.74	-290.13	1.22E+00	9.83E-01	8.89E-01	8.67E-01	3.25E+00	2.85E+00	2.71E+00	2.78E+00	1.53E-01	1.23E-01	1.11E-01	2.94E-01	4.06E-01	3.56E-01	3.39E-01	9.40E-01	2.50E-03	2.01E-03	1.82E-03	1.85E-02	6.64E-03	5.82E-03	5.54E-03	5.93E-02
1456.20	-436.06	1.47E+00	1.18E+00	1.07E+00	9.98E-01	3.90E+00	3.42E+00	3.26E+00	3.19E+00	1.84E-01	1.48E-01	1.33E-01	2.83E-01	4.88E-01	4.27E-01	4.07E-01	9.04E-01	2.78E-03	2.24E-03	2.02E-03	2.32E-02	7.40E-03	6.48E-03	6.17E-03	7.42E-02
1209.21	-528.32	1.77E+00	1.43E+00	1.29E+00	1.20E+00	4.71E+00	4.13E+00	3.93E+00	3.85E+00	2.22E-01	1.78E-01	1.61E-01	4.65E-01	5.89E-01	5.16E-01	4.91E-01	1.49E+00	5.21E-03	4.19E-03	3.79E-03	4.48E-02	1.38E-02	1.21E-02	1.16E-02	1.43E-01
913.01	-694.67	1.36E+00	1.10E+00	9.92E-01	1.36E+00	3.63E+00	3.18E+00	3.02E+00	4.36E+00	1.71E-01	1.37E-01	1.24E-01	7.33E-01	4.53E-01	3.97E-01	3.78E-01	2.35E+00	1.58E-02	1.27E-02	1.15E-02	1.17E-01	4.19E-02	3.67E-02	3.49E-02	3.75E-01
717.24	-664.22	1.73E+00	1.39E+00	1.26E+00	1.55E+00	4.59E+00	4.02E+00	3.83E+00	4.95E+00	3.27E-01	2.63E-01	2.38E-01	8.63E-01	8.70E-01	7.62E-01	7.25E-01	2.76E+00	2.85E-02	2.29E-02	2.07E-02	2.21E-01	7.58E-02	6.64E-02	6.32E-02	7.06E-01
544.23	-594.35	2.06E+00	1.66E+00	1.50E+00	1.82E+00	5.47E+00	4.79E+00	4.56E+00	5.81E+00	4.33E-01	3.48E-01	3.15E-01	1.07E+00	1.15E+00	1.01E+00	9.60E-01	3.41E+00	4.26E-02	3.43E-02	3.10E-02	3.30E-01	1.13E-01	9.93E-02	9.45E-02	1.06E+00
338.12	-539.73	2.93E+00	2.36E+00	2.13E+00	2.34E+00	7.80E+00	6.83E+00	6.50E+00	7.48E+00	6.16E-01	4.95E-01	4.48E-01	1.46E+00	1.64E+00	1.43E+00	1.37E+00	4.67E+00	6.32E-02	5.08E-02	4.59E-02	4.65E-01	1.68E-01	1.47E-01	1.40E-01	1.49E+00
123.44	-529.45	3.37E+00	2.71E+00	2.45E+00	2.39E+00	8.94E+00	7.84E+00	7.46E+00	7.66E+00	9.42E-01	7.58E-01	6.85E-01	2.01E+00	2.50E+00	2.19E+00	2.09E+00	6.45E+00	8.06E-02	6.48E-02	5.86E-02	6.26E-01	2.14E-01	1.88E-01	1.79E-01	2.00E+00
-353.26	-515.05	3.20E+00	2.57E+00	2.33E+00	2.23E+00	8.50E+00	7.45E+00	7.09E+00	7.14E+00	8.51E-01	6.84E-01	6.19E-01	1.86E+00	2.26E+00	1.98E+00	1.89E+00	5.96E+00	7.14E-02	5.74E-02	5.19E-02	5.77E-01	1.90E-01	1.66E-01	1.58E-01	1.85E+00
-537.68	-487.80	3.34E+00	2.69E+00	2.43E+00	2.38E+00	8.88E+00	7.78E+00	7.41E+00	7.61E+00	8.74E-01	7.03E-01	6.36E-01	1.84E+00	2.32E+00	2.04E+00	1.94E+00	5.89E+00	7.26E-02	5.84E-02	5.28E-02	5.58E-01	1.93E-01	1.69E-01	1.61E-01	1.79E+00
-775.51	-486.07	3.20E+00	2.57E+00	2.32E+00	2.37E+00	8.49E+00	7.44E+00	7.09E+00	7.58E+00	8.35E-01	6.72E-01	6.07E-01	1.71E+00	2.22E+00	1.94E+00	1.85E+00	5.48E+00	5.95E-02	4.78E-02	4.32E-02	4.62E-01	1.58E-01	1.38E-01	1.32E-01	1.48E+00
-1414.44	-481.50	2.04E+00	1.64E+00	1.49E+00	1.39E+00	5.43E+00	4.76E+00	4.53E+00	4.45E+00	3.85E-01	3.10E-01	2.80E-01	6.58E-01	1.02E+00	8.96E-01	8.53E-01	2.10E+00	4.05E-03	3.26E-03	2.95E-03	3.18E-02	1.08E-02	9.43E-03	8.98E-03	1.02E-01
-1515.21	-320.18	2.03E+00	1.64E+00	1.48E+00	1.38E+00	5.41E+00	4.74E+00	4.51E+00	4.43E+00	3.20E-01	2.57E-01	2.33E-01	6.48E-01	8.50E-01	7.45E-01	7.09E-01	2.07E+00	3.14E-03	2.52E-03	2.28E-03	2.96E-02	8.34E-03	7.31E-03	6.96E-03	9.47E-02
-1749.69	-63.90	1.19E+00	9.59E-01	8.67E-01	9.38E-01	3.17E+00	2.78E+00	2.64E+00	3.00E+00	2.26E-01	1.82E-01	1.64E-01	5.54E-01	6.00E-01	5.26E-01	5.00E-01	1.77E+00	2.13E-03	1.71E-03	1.55E-03	2.06E-02	5.65E-03	4.95E-03	4.71E-03	6.60E-02
-920.57	426.17	1.41E+00	1.13E+00	1.03E+00	9.58E-01	3.75E+00	3.28E+00	3.13E+00	3.07E+00	1.87E-01	1.51E-01	1.36E-01	4.46E-01	4.98E-01	4.36E-01	4.15E-01	1.43E+00	2.98E-03	2.39E-03	2.16E-03	2.43E-02	7.91E-03	6.93E-03	6.60E-03	7.76E-02
-420.73	233.87	1.86E+00	1.49E+00	1.35E+00	1.32E+00	4.94E+00	4.33E+00	4.12E+00	4.22E+00	3.04E-01	2.45E-01	2.21E-01	7.87E-01	8.09E-01	7.09E-01	6.75E-01	2.52E+00	1.08E-02	8.68E-03	7.85E-03	7.71E-02	2.87E-02	2.51E-02	2.39E-02	2.47E-01
1090.12	214.10	9.09E-01	7.31E-01	6.61E-01	8.72E-01	2.41E+00	2.12E+00	2.01E+00	2.79E+00	1.14E-01	9.14E-02	8.26E-02	3.36E-01	3.02E-01	2.65E-01	2.52E-01	1.08E+00	2.74E-03	2.21E-03	1.99E-03	2.03E-02	7.29E-03	6.39E-03	6.08E-03	6.48E-02
1183.39	65.17	1.31E+00	1.05E+00	9.53E-01	9.13E-01	3.48E+00	3.05E+00	2.91E+00	2.92E+00	1.64E-01	1.32E-01	1.19E-01	2.97E-01	4.35E-01	3.82E-01	3.63E-01	9.51E-01	2.54E-03	2.05E-03	1.85E-03	1.78E-02	6.76E-03	5.93E-03	5.64E-03	5.69E-02
1055.30	-577.42	1.83E+00	1.47E+00	1.33E+00	1.24E+00	4.87E+00	4.26E+00	4.06E+00	3.98E+00	2.29E-01	1.84E-01	1.66E-01	6.38E-01	6.08E-01	5.33E-01	5.07E-01	2.04E+00	8.56E-03	6.89E-03	6.23E-03	6.97E-02	2.28E-02	1.99E-02	1.90E-02	2.23E-01
-103.02	-518.78	3.34E+00	2.69E+00	2.43E+00	2.30E+00	8.89E+00	7.79E+00	7.41E+00	7.37E+00	9.70E-01	7.80E-01	7.05E-01	2.09E+00	2.58E+00	2.26E+00	2.15E+00	6.68E+00	8.35E-02	6.72E-02	6.07E-02	6.53E-01	2.22E-01	1.94E-01	1.85E-01	2.09E+00
-1076.39	-488.67	2.96E+00	2.38E+00	2.15E+00	2.24E+00	7.85E+00	6.88E+00	6.55E+00	7.17E+00	6.43E-01	5.17E-01	4.68E-01	1.34E+00	1.71E+00	1.50E+00	1.43E+00	4.29E+00	1.68E-02	1.35E-02	1.23E-02	1.40E-01	4.48E-02	3.92E-02	3.73E-02	4.47E-01
-4113.79	-1330.97	3.25E-01	2.61E-01	2.36E-01	3.33E-01	8.63E-01	7.56E-01	7.20E-01	7.46E-01	4.41E-02	3.54E-02	3.21E-02	8.44E-02	1.17E-01	1.03E-01	9.77E-02	2.70E-01	5.00E-04	4.00E-04	3.60E-04	3.02E-03	1.32E-03	1.16E-03	1.11E-03	9.66E-03
-5050.04	-958.41	2.40E-01	1.93E-01	1.74E-01	1.82E-01	6.37E-01	5.58E-01	5.31E-01	5.84E-01	3.25E-02	2.62E-02	2.37E-02	6.71E-02	8.65E-02	7.58E-02	7.21E-02	2.15E-01	3.20E-04	2.60E-04	2.40E-04	2.38E-03	8.60E-04	7.50E-04	7.20E-04	7.61E-03
-4023.97	-112.26	3.29E-01	2.65E-01	2.39E-01	2.78E-01	8.74E-01	7.66E-01	7.29E-01	8.91E-01	7.12E-02	5.73E-02	5.18E-02	1.13E-01	1.89E-01	1.66E-01	1.58E-01	3.62E-01	4.30E-04	3.40E-04	3.10E-04	4.21E-03	1.14E-03	1.00E-03	9.50E-04	1.35E-02
-2122.34	995.23	7.60E-01	6.11E-01	5.53E-01	5.17E-01	2.02E+00	1.77E+00	1.69E+00	1.65E+00	9.50E-02	7.64E-02	6.91E-02	1.87E-01	2.53E-01	2.21E-01	2.11E-01	5.99E-01	6.20E-04	5.00E-04	4.50E-04	4.60E-03	1.65E-03	1.45E-03	1.38E-03	1.47E-02
-2734.69	227.40	6.35E-01	5.11E-01	4.62E-01	4.67E-01	1.69E+00	1.48E+00	1.41E+00	1.49E+00	9.82E-02	7.90E-02	7.14E-02	2.62E-01	2.61E-01	2.29E-01	2.18E-01	8.38E-01	9.10E-04	7.30E-04	6.60E-04	8.26E-03	2.43E-03	2.13E-03	2.03E-03	2.64E-02
-2371.11	-69.21	6.62E-01	5.32E-01	4.81E-01	6.08E-01	1.76E+00	1.54E+00	1.47E+00	1.95E+00	1.55E-01	1.25E-01	1.13E-01	3.20E-01	4.13E-01	3.62E-01	3.45E-01	1.02E+00	1.14E-03	9.20E-04	8.30E-04	1.14E-02	3.04E-03	2.66E-03	2.54E-03	3.65E-02
-2146.26	177.17	1.01E+00	8.11E-01	7.34E-01	6.86E-01	2.68E+00	2.35E+00	2.24E+00	2.19E+00	1.71E-01	1.38E-01	1.25E-01	3.98E-01	4.55E-01	3.99E-01	3.80E-01	1.27E+00	1.36E-03	1.09E-03	9.90E-04	1.23E-02	3.60E-03	3.16E-03	3.00E-03	3.94E-02
-1919.02	445.07	8.48E-01	6.82E-01	6.17E-01	6.62E-01	2.25E+00	1.97E+00	1.88E+00	2.12E+00	1.72E-01	1.39E-01	1.25E-01	3.16E-01	4.58E-01	4.01E-01	3.82E-01	1.01E+00	1.19E-03	9.60E-04	8.70E-04	1.01E-02	3.16E-03	2.77E-03	2.64E-03	3.24E-02
-1651.12	607.72	1.09E+00	8.79E-01	7.95E-01	7.43E-01	2.90E+00	2.54E+00	2.42E+00	2.38E+00	1.37E-01	1.10E-01	9.93E-02	2.91E-01	3.63E-01	3.18E-01	3.03E-01	9.32E-01	1.13E-03	9.10E-04	8.20E-04	8.65E-03	3.01E-03	2.64E-03	2.51E-03	2.77E-02
-3361.39	677.09	5.29E-01	4.26E-01	3.85E-01	3.60E-01	1.41E+00	1.23E+00	1.17E+00	1.15E+00	9.40E-02	7.56E-02	6.84E-02	1.87E-01	2.50E-01	2.19E-01	2.08E-01	5.97E-01	6.00E-04	4.80E-04	4.40E-04	4.94E-03	1.59E-03	1.40E-03	1.33E-03	1.58E-02
-3026.51	724.93	5.44E-01	4.38E-01	3.96E-01	3.70E-01	1.45E+00	1.27E+00	1.21E+00	1.18E+00	1.08E-01	8.68E-02	7.85E-02	1.94E-01	2.87E-01	2.51E-01	2.39E-01	6.22E-01	6.30E-04	5.10E-04	4.60E-04	5.27E-03	1.69E-03	1.48E-03	1.41E-03	1.69E-02
-1679.82	1478.41	6.05E-01	4.87E-01	4.40E-01	4.11E-01	1.61E+00	1.41E+00	1.34E+00	1.32E+00	8.51E-02	6.84E-02	6.19E-02	1.16E-01	2.26E-01	1.98E-01	1.89E-01	3.72E-01	6.50E-04	5.20E-04	4.70E-04	3.97E-03	1.73E-03	1.51E-03	1.44E-03	1.27E-02
-922.86	446.42	1.37E+00	1.10E+00	9.99E-01	9.34E-01	3.65E+00	3.20E+00	3.04E+00	2.99E+00	1.83E-01	1.47E-01	1.33E-01	4.36E-01	4.85E-01	4.25E-01	4.05E-01	1.39E+00	2.85E-03	2.30E-03	2.08E-03	2.33E-02	7.58E-03	6.65E-03	6.33E-03	7.45E-02
-1799.42	1088.51	7.29E-01	5.86E-01	5.30E-01	4.96E-01	1.94E+00	1.70E+00	1.62E+00	1.59E+00	9.14E-02	7.35E-02	6.65E-02	1.64E-01	2.43E-01	2.13E-01	2.03E-01	5.24E-01	7.20E-04	5.80E-04	5.30E-04	4.64E-03	1.93E-03	1.69E-03	1.61E-03	1.48E-02
-359.36	1846.44	4.37E-01	3.51E-01	3.18E-01	3.75E-01	1.16E+00	1.02E+00	9.68E-01	1.20E+00	7.83E-02	6.30E-02	5.70E-02	2.03E-01	2.08E-01	1.82E-01	1.74E-01	6.50E-01	9.20E-04	7.40E-04	6.70E-04	1.05E-02	2.45E-03	2.15E-03	2.05E-03	3.37E-02
671.30	-742.78	1.51E+00	1.21E+00	1.10E+00	1.26E+00	4.00E+00	3.51E+00	3.34E+00	4.03E+00	2.93E-01	2.35E-01	2.13E-01	7.09E-01	7.77E-01	6.81E-01	6.48E-01	2.27E+00	1.98E-02	1.59E-02	1.44E-02	1.77E-01	5.26E-02	4.61E-02	4.39E-02	5.65E-01
-1565.55	-932.22	1.06E+00	8.53E-01	7.71E-01	7.88E-01	2.82E+00	2.47E+00	2.35E+00	2.52E+00	1.91E-01	1.54E-01	1.39E-01	3.58E-01	5.08E-01	4.45E-01	4.24E-01	1.14E+00	2.75E-03	2.21E-03	2.00E-03	2.02E-02	7.30E-03	6.39E-03	6.09E-03	6.47E-02
-1733.02	-528.24	1.39E+00	1.12E+00	1.01E+00	9.43E-01	3.69E+00	3.23E+00	3.07E+00	3.02E+00	2.42E-01	1.95E-01	1.76E-01	4.21E-01	6.43E-01	5.63E-01	5.36E-01	1.35E+00	2.34E-03	1.88E-03	1.70E-03	1.86E-02	6.21E-03	5.44E-03	5.18E-03	5.93E-02
-1261.46	-507.67	2.36E+00	1.88E+00	1.71E+00	1.71E+00	6.26E+00	5.49E+00	5.22E+00	5.46E+00	4.77E-01	3.83E-01	3.47E-01	9.00E-01	1.27E+00	1.11E+00	1.06E+00	2.88E+00	6.09E-03	4.90E-03	4.43E-03	4.59E-02	1.62E-02	1.42E-02	1.35E-02	1.47E-01
-883.92	-503.26	2.88E+00	2.31E+00	2.06E+00	2.18E+00	7.65E+00	6.70E+00	6.38E+00	6.97E+00	7.56E-01	6.08E-01	5.50E-01	1.47E+00	2.01E+00	1.76E+00	1.68E+00	4.72E+00	3.97E-02	3.20E-02	2.89E-02	3.30E-01	1.06E-01	9.25E-02	8.81E-02	1.06E+00
1599.35	-1104.97	6.02E-01	4.84E-01	4.38E-01	6.18E-01	1.60E+00	1.40E+00	1.34E+00	1.98E+00	7.53E-02	6.06E-02	5.48E-02	3.16E-01	2.00E-01	1.75E-01	1.67E-01	1.01E+00	3.99E-03	3.21E-03	2.90E-03	3.84E-02	1.06E-02	9.30E-03	8.85E-03	1.23E-01
1608.16	-1382.63	5.68E-01	4.57E-01	4.13E-01	5.08E-01	1.51E+00	1.32E+00	1.26E+00	1.62E+00	7.10E-02	5.71E-02	5.17E-02	2.53E-01	1.89E-01	1.65E-01	1.57E-01	8.10E-01	3.54E-03	2.85E-03	2.57E-03	3.40E-02	9.41E-03	8.24E-03	7.85E-03	1.09E-01
3517.15	-1425.27	1.77E-01	1.42E-01	1.29E-01	2.66E-01	4.70E-01	4.12E-01	3.92E-01	8.51E-01	2.21E-02	1.78E-02	1.61E-02	1.38E-01	5.87E-02	5.15E-02	4.90E-02	4.42E-01	1.02E-03	8.20E-04	7.40E-04	9.62E-03	2.70E-03	2.37E-03	2.26E-03	3.08E-02
2959.77	-846.37	5.56E-01	4.47E-01	4.04E-01	3.78E-01	1.48E+00	1.29E+00	1.23E+00	1.21E+00	6.95E-02	5.59E-02	5.05E-02	1.21E-01	1.85E-01	1.62E-01	1.54E-01	3.87E-01	1.03E-03	8.30E-04	7.50E-04	8.48E-03	2.74E-03	2.40E-03	2.29E-03	2.71E-02
3479.67	224.81	3.89E-01	3.13E-01	2.83E-01	2.64E-01	1.03E+00	9.06E-01	8.63E-01	8.46E-01	4.86E-02	3.91E-02	3.54E-02	6.24E-02	1.29E-01	1.13E-01	1.08E-01	2.00E-01	5.80E-04	4.60E-04	4.20E-04	2.93E-03	1.53E-03	1.34E-03	1.28E-03	9.38E-03
44.43	1469.76	5.13E-01	4.12E-01	3.73E-01	4.51E-01	1.36E+00	1.19E+00	1.14E+00	1.44E+00	1.16E-01	9.33E-02	8.44E-02	2.46E-01	3.08E-01	2.70E-01	2.57E-01	7.88E-01	1.56E-03	1.25E-03	1.13E-03	1.63E-02	4.14E-03	3.63E-03	3.45E-03	5.22E-02
3044.83	-34.00	3.81E-01	3.06E-01	2.77E-01	3.25E-01	1.01E+00	8.87E-01	8.44E-01	1.04E+00	4.76E-02	3.83E-02	3.46E-02	8.85E-02	1.26E-01	1.11E-01	1.06E-01	2.83E-01	7.20E-04	5.80E-04	5.20E-04	3.92E-03	1.91E-03	1.68E-03	1.60E-03	1.25E-02
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-03	6.25E-03	5.66E-03	7.04E-02	2.07E-02	1.81E-02

Phase: 1A
Source Group: Fugitive

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	4.42E+00	4.42E+00	4.42E+00	4.42E+00	9.74E-01	9.74E-01	9.74E-01	9.74E-01	5.53E-01	5.53E-01	5.53E-01	1.66E+00	1.22E-01	1.22E-01	1.22E-01	3.66E-01	3.98E-03	3.98E-03	3.98E-03	5.82E-02	8.80E-04	8.80E-04	8.80E-04	1.28E-02
-1778.03	-291.29	3.86E+00	3.86E+00	3.86E+00	4.03E+00	8.51E-01	8.51E-01	8.51E-01	8.88E-01	6.14E-01	6.14E-01	6.14E-01	1.66E+00	1.35E-01	1.35E-01	1.35E-01	3.66E-01	3.48E-03	3.48E-03	3.48E-03	5.67E-02	7.70E-04	7.70E-04	7.70E-04	1.25E-02
-1732.28	175.05	3.20E+00	3.20E+00	3.20E+00	3.20E+00	7.04E-01	7.04E-01	7.04E-01	7.04E-01	5.90E-01	5.90E-01	5.90E-01	1.74E+00	1.30E-01	1.30E-01	1.30E-01	3.83E-01	3.68E-03	3.68E-03	3.68E-03	4.67E-02	8.10E-04	8.10E-04	8.10E-04	1.03E-02
-1579.43	347.93	2.50E+00	2.50E+00	2.50E+00	2.75E+00	5.51E-01	5.51E-01	5.51E-01	6.05E-01	4.51E-01	4.51E-01	4.51E-01	1.04E+00	9.92E-02	9.92E-02	9.92E-02	2.29E-01	3.00E-03	3.00E-03	3.00E-03	3.63E-02	6.60E-04	6.60E-04	6.60E-04	7.98E-03
-1525.43	516.64	2.61E+00	2.61E+00	2.61E+00	2.61E+00	5.76E-01	5.76E-01	5.76E-01	5.76E-01	3.27E-01	3.27E-01	3.27E-01	9.66E-01	7.20E-02	7.20E-02	7.20E-02	2.13E-01	2.37E-03	2.37E-03	2.37E-03	2.65E-02	5.20E-04	5.20E-04	5.20E-04	5.85E-03
-1332.88	500.04	2.82E+00	2.82E+00	2.82E+00	2.82E+00	6.22E-01	6.22E-01	6.22E-01	6.22E-01	3.53E-01	3.53E-01	3.53E-01	1.09E+00	7.77E-02	7.77E-02	7.77E-02	2.39E-01	2.86E-03	2.86E-03	2.86E-03	3.08E-02	6.30E-04	6.30E-04	6.30E-04	6.78E-03
-1140.45	476.30	2.87E+00	2.87E+00	2.87E+00	2.87E+00	6.33E-01	6.33E-01	6.33E-01	6.33E-01	3.59E-01	3.59E-01	3.59E-01	1.11E+00	7.91E-02	7.91E-02	7.91E-02	2.45E-01	3.47E-03	3.47E-03	3.47E-03	3.98E-02	7.60E-04	7.60E-04	7.60E-04	8.77E-03
-672.12	353.55	3.24E+00	3.24E+00	3.24E+00	3.24E+00	7.13E-01	7.13E-01	7.13E-01	7.13E-01	4.31E-01	4.31E-01	4.31E-01	1.59E+00	9.50E-02	9.50E-02	9.50E-02	3.50E-01	9.79E-03	9.79E-03	9.79E-03	1.11E-01	2.16E-03	2.16E-03	2.16E-03	2.45E-02
-169.37	170.38	3.14E+00	3.14E+00	3.14E+00	3.93E+00	6.91E-01	6.91E-01	6.91E-01	8.66E-01	7.51E-01	7.51E-01	7.51E-01	2.47E+00	1.65E-01	1.65E-01	1.65E-01	5.43E-01	3.18E-02	3.18E-02	3.18E-02	3.06E-01	7.01E-03	7.01E-03	7.01E-03	6.74E-02
-75.04	299.11	2.60E+00	2.60E+00	2.60E+00	3.25E+00	5.72E-01	5.72E-01	5.72E-01	7.16E-01	5.98E-01	5.98E-01	5.98E-01	1.97E+00	1.32E-01	1.32E-01	1.32E-01	4.34E-01	2.01E-02	2.01E-02	2.01E-02	2.19E-01	4.43E-03	4.43E-03	4.43E-03	4.83E-02
49.15	527.20	2.03E+00	2.03E+00	2.03E+00	2.47E+00	4.48E-01	4.48E-01	4.48E-01	5.45E-01	4.36E-01	4.36E-01	4.36E-01	1.49E+00	9.61E-02	9.61E-02	9.61E-02	3.27E-01	1.10E-02	1.10E-02	1.10E-02	1.40E-01	2.41E-03	2.41E-03	2.41E-03	3.08E-02
144.22	648.15	1.84E+00	1.84E+00	1.84E+00	2.25E+00	4.04E-01	4.04E-01	4.04E-01	4.95E-01	3.60E-01	3.60E-01	3.60E-01	1.32E+00	7.93E-02	7.93E-02	7.93E-02	2.90E-01	8.50E-03	8.50E-03	8.50E-03	1.15E-01	1.87E-03	1.87E-03	1.87E-03	2.52E-02
394.15	623.31	1.63E+00	1.63E+00	1.63E+00	2.27E+00	3.60E-01	3.60E-01	3.60E-01	5.00E-01	2.55E-01	2.55E-01	2.55E-01	1.27E+00	5.61E-02	5.61E-02	5.61E-02	2.80E-01	8.29E-03	8.29E-03	8.29E-03	1.06E-01	1.83E-03	1.83E-03	1.83E-03	2.33E-02
501.62	717.12	1.44E+00	1.44E+00	1.44E+00	2.09E+00	3.17E-01	3.17E-01	3.17E-01	4.61E-01	1.96E-01	1.96E-01	1.96E-01	1.16E+00	4.32E-02	4.32E-02	4.32E-02	2.55E-01	6.80E-03	6.80E-03	6.80E-03	8.83E-02	1.50E-03	1.50E-03	1.50E-03	1.95E-02
618.47	665.12	1.35E+00	1.35E+00	1.35E+00	2.16E+00	2.96E-01	2.96E-01	2.96E-01	4.76E-01	1.82E-01	1.82E-01	1.82E-01	1.25E+00	4.00E-02	4.00E-02	4.00E-02	2.75E-01	6.68E-03	6.68E-03	6.68E-03	8.45E-02	1.47E-03	1.47E-03	1.47E-03	1.86E-02
755.45	579.13	1.58E+00	1.58E+00	1.58E+00	2.41E+00	3.47E-01	3.47E-01	3.47E-01	5.31E-01	2.10E-01	2.10E-01	2.10E-01	1.25E+00	4.61E-02	4.61E-02	4.61E-02	2.76E-01	6.41E-03	6.41E-03	6.41E-03	7.86E-02	1.41E-03	1.41E-03	1.41E-03	1.73E-02
867.79	485.41	1.57E+00	1.57E+00	1.57E+00	2.43E+00	3.47E-01	3.47E-01	3.47E-01	5.34E-01	2.06E-01	2.06E-01	2.06E-01	1.15E+00	4.54E-02	4.54E-02	4.54E-02	2.53E-01	6.00E-03	6.00E-03	6.00E-03	7.22E-02	1.32E-03	1.32E-03	1.32E-03	1.59E-02
955.03	377.60	1.49E+00	1.49E+00	1.49E+00	2.61E+00	3.27E-01	3.27E-01	3.27E-01	5.75E-01	1.93E-01	1.93E-01	1.93E-01	1.02E+00	4.25E-02	4.25E-02	4.25E-02	2.25E-01	5.67E-03	5.67E-03	5.67E-03	6.63E-02	1.25E-03	1.25E-03	1.25E-03	1.46E-02
1331.68	-165.58	2.81E+00	2.81E+00	2.81E+00	3.55E+00	6.19E-01	6.19E-01	6.19E-01	7.81E-01	3.51E-01	3.51E-01	3.51E-01	9.13E-01	7.74E-02	7.74E-02	7.74E-02	2.01E-01	4.55E-03	4.55E-03	4.55E-03	4.15E-02	1.00E-03	1.00E-03	1.00E-03	9.14E-03
1406.74	-290.13	2.78E+00	2.78E+00	2.78E+00	3.43E+00	6.12E-01	6.12E-01	6.12E-01	7.55E-01	3.47E-01	3.47E-01	3.47E-01	1.03E+00	7.65E-02	7.65E-02	7.65E-02	2.27E-01	4.52E-03	4.52E-03	4.52E-03	4.30E-02	1.00E-03	1.00E-03	1.00E-03	9.48E-03
1456.20	-436.06	3.89E+00	3.89E+00	3.89E+00	3.89E+00	8.56E-01	8.56E-01	8.56E-01	8.56E-01	4.86E-01	4.86E-01	4.86E-01	8.38E-01	1.07E-01	1.07E-01	1.07E-01	1.85E-01	4.99E-03	4.99E-03	4.99E-03	5.25E-02	1.10E-03	1.10E-03	1.10E-03	1.16E-02
1209.21	-528.32	4.28E+00	4.28E+00	4.28E+00	4.28E+00	9.43E-01	9.43E-01	9.43E-01	9.43E-01	5.35E-01	5.35E-01	5.35E-01	1.48E+00	1.18E-01	1.18E-01	1.18E-01	3.26E-01	9.21E-03	9.21E-03	9.21E-03	1.13E-01	2.03E-03	2.03E-03	2.03E-03	2.48E-02
913.01	-694.67	3.09E+00	3.09E+00	3.09E+00	4.64E+00	6.82E-01	6.82E-01	6.82E-01	1.02E+00	3.87E-01	3.87E-01	3.87E-01	2.42E+00	8.52E-02	8.52E-02	8.52E-02	5.33E-01	3.09E-02	3.09E-02	3.09E-02	3.39E-01	6.81E-03	6.81E-03	6.81E-03	7.47E-02
717.24	-664.22	3.59E+00	3.59E+00	3.59E+00	4.76E+00	7.91E-01	7.91E-01	7.91E-01	1.05E+00	6.40E-01	6.40E-01	6.40E-01	2.61E+00	1.41E-01	1.41E-01	1.41E-01	5.75E-01	5.41E-02	5.41E-02	5.41E-02	6.28E-01	1.19E-02	1.19E-02	1.19E-02	1.38E-01
544.23	-594.35	4.23E+00	4.23E+00	4.23E+00	5.62E+00	9.32E-01	9.32E-01	9.32E-01	1.24E+00	8.25E-01	8.25E-01	8.25E-01	3.15E+00	1.82E-01	1.82E-01	1.82E-01	6.93E-01	8.15E-02	8.15E-02	8.15E-02	9.42E-01	1.79E-02	1.79E-02	1.79E-02	2.08E-01
338.12	-539.73	5.95E+00	5.95E+00	5.95E+00	7.00E+00	1.31E+00	1.31E+00	1.31E+00	1.54E+00	1.20E+00	1.20E+00	1.20E+00	4.35E+00	2.65E-01	2.65E-01	2.65E-01	9.57E-01	1.20E-01	1.20E-01	1.20E-01	1.31E+00	2.65E-02	2.65E-02	2.65E-02	2.89E-01
123.44	-529.45	6.41E+00	6.41E+00	6.41E+00	6.75E+00	1.41E+00	1.41E+00	1.41E+00	1.49E+00	1.78E+00	1.78E+00	1.78E+00	5.67E+00	3.93E-01	3.93E-01	3.93E-01	1.25E+00	1.53E-01	1.53E-01	1.53E-01	1.77E+00	3.37E-02	3.37E-02	3.37E-02	3.90E-01
-353.26	-515.05	6.09E+00	6.09E+00	6.09E+00	6.28E+00	1.34E+00	1.34E+00	1.34E+00	1.38E+00	1.65E+00	1.65E+00	1.65E+00	5.23E+00	3.64E-01	3.64E-01	3.64E-01	1.15E+00	1.35E-01	1.35E-01	1.35E-01	1.62E+00	2.97E-02	2.97E-02	2.97E-02	3.56E-01
-537.68	-487.80	6.33E+00	6.33E+00	6.33E+00	6.84E+00	1.39E+00	1.39E+00	1.39E+00	1.51E+00	1.69E+00	1.69E+00	1.69E+00	5.23E+00	3.73E-01	3.73E-01	3.73E-01	1.15E+00	1.37E-01	1.37E-01	1.37E-01	1.56E+00	3.02E-02	3.02E-02	3.02E-02	3.44E-01
-775.51	-486.07	6.21E+00	6.21E+00	6.21E+00	6.90E+00	1.37E+00	1.37E+00	1.37E+00	1.52E+00	1.61E+00	1.61E+00	1.61E+00	4.82E+00	3.54E-01	3.54E-01	3.54E-01	1.06E+00	1.12E-01	1.12E-01	1.12E-01	1.30E+00	2.47E-02	2.47E-02	2.47E-02	2.85E-01
-1414.44	-481.50	5.19E+00	5.19E+00	5.19E+00	5.22E+00	1.14E+00	1.14E+00	1.14E+00	1.15E+00	8.29E-01	8.29E-01	8.29E-01	2.18E+00	1.83E-01	1.83E-01	1.83E-01	4.81E-01	7.62E-03	7.62E-03	7.62E-03	8.47E-02	1.68E-03	1.68E-03	1.68E-03	1.87E-02
-1515.21	-320.18	5.29E+00	5.29E+00	5.29E+00	5.29E+00	1.17E+00	1.17E+00	1.17E+00	1.17E+00	7.61E-01	7.61E-01	7.61E-01	2.27E+00	1.68E-01	1.68E-01	1.68E-01	4.99E-01	5.42E-03	5.42E-03	5.42E-03	8.31E-02	1.19E-03	1.19E-03	1.19E-03	1.83E-02
-1749.69	-63.90	2.98E+00	2.98E+00	2.98E+00	3.69E+00	6.56E-01	6.56E-01	6.56E-01	8.13E-01	5.25E-01	5.25E-01	5.25E-01	1.98E+00	1.16E-01	1.16E-01	1.16E-01	4.36E-01	4.06E-03	4.06E-03	4.06E-03	5.96E-02	8.90E-04	8.90E-04	8.90E-04	1.31E-02
-920.57	426.17	3.02E+00	3.02E+00	3.02E+00	3.02E+00	6.65E-01	6.65E-01	6.65E-01	6.65E-01	4.00E-01	4.00E-01	4.00E-01	1.27E+00	8.81E-02	8.81E-02	8.81E-02	2.80E-01	5.29E-03	5.29E-03	5.29E-03	6.30E-02	1.16E-03	1.16E-03	1.16E-03	1.39E-02
-420.73	233.87	3.70E+00	3.70E+00	3.70E+00	3.81E+00	8.15E-01	8.15E-01	8.15E-01	8.38E-01	5.78E-01	5.78E-01	5.78E-01	2.21E+00	1.27E-01	1.27E-01	1.27E-01	4.87E-01	2.00E-02	2.00E-02	2.00E-02	2.10E-01	4.39E-03	4.39E-03	4.39E-03	4.62E-02
1090.12	214.10	1.71E+00	1.71E+00	1.71E+00	2.94E+00	3.77E-01	3.77E-01	3.77E-01	6.48E-01	2.14E-01	2.14E-01	2.14E-01	1.09E+00	4.71E-02	4.71E-02	4.71E-02	2.40E-01	4.93E-03	4.93E-03	4.93E-03	5.43E-02	1.08E-03	1.08E-03	1.08E-03	1.20E-02
1183.39	65.17	3.18E+00	3.18E+00	3.18E+00	3.26E+00	7.01E-01	7.01E-01	7.01E-01	7.19E-01	3.98E-01	3.98E-01	3.98E-01	8.96E-01	8.77E-02	8.77E-02	8.77E-02	1.97E-01	4.60E-03	4.60E-03	4.60E-03	4.66E-02	1.01E-03	1.01E-03	1.01E-03	1.03E-02
1055.30	-577.42	4.11E+00	4.11E+00	4.11E+00	4.46E+00	9.05E-01	9.05E-01	9.05E-01	9.81E-01	5.13E-01	5.13E-01	5.13E-01	2.07E+00	1.13E-01	1.13E-01	1.13E-01	4.55E-01	1.58E-02	1.58E-02	1.58E-02	1.89E-01	3.48E-03	3.48E-03	3.48E-03	4.15E-02
-103.02	-518.78	6.32E+00	6.32E+00	6.32E+00	6.49E+00	1.39E+00	1.39E+00	1.39E+00	1.43E+00	1.85E+00	1.85E+00	1.85E+00	5.83E+00	4.06E-01	4.06E-01	4.06E-01	1.28E+00	1.58E-01	1.58E-01	1.58E-01	1.84E+00	3.48E-02	3.48E-02	3.48E-02	4.05E-01
-1076.39	-488.67	6.24E+00	6.24E+00	6.24E+00	6.88E+00	1.38E+00	1.38E+00	1.38E+00	1.52E+00	1.33E+00	1.33E+00	1.33E+00	3.89E+00	2.92E-01	2.92E-01	2.92E-01	8.56E-01	3.09E-02	3.09E-02	3.09E-02	3.69E-01	6.80E-03	6.80E-03	6.80E-03	8.13E-02
-4113.79	-1330.97	8.74E-01	8.74E-01	8.74E-01	1.01E+00	1.92E-01	1.92E-01	1.92E-01	2.22E-01	1.09E-01	1.09E-01	1.09E-01	2.88E-01	2.41E-02	2.41E-02	2.41E-02	6.35E-02	1.00E-03	1.00E-03	1.00E-03	8.17E-03	2.20E-04	2.20E-04	2.20E-04	1.80E-03
-5050.04	-958.41	5.63E-01	5.63E-01	5.63E-01	7.99E-01	1.24E-01	1.24E-01	1.24E-01	1.76E-01	7.04E-02	7.04E-02	7.04E-02	2.29E-01	1.55E-02	1.55E-02	1.55E-02	5.04E-02	5.60E-04	5.60E-04	5.60E-04	6.57E-03	1.20E-04	1.20E-04	1.20E-04	1.45E-03
-4023.97	-112.26	8.72E-01	8.72E-01	8.72E-01	1.22E+00	1.92E-01	1.92E-01	1.92E-01	2.69E-01	1.98E-01	1.98E-01	1.98E-01	3.96E-01	4.36E-02	4.36E-02	4.36E-02	8.72E-02	7.10E-04	7.10E-04	7.10E-04	1.16E-02	1.60E-04	1.60E-04	1.60E-04	2.54E-03
-2122.34	995.23	1.82E+00	1.82E+00	1.82E+00	1.82E+00	4.01E-01	4.01E-01	4.01E-01	4.01E-01	2.28E-01	2.28E-01	2.28E-01	5.95E-01	5.01E-02	5.01E-02	5.01E-02	1.31E-01	1.04E-03	1.04E-03	1.04E-03	1.14E-02	2.30E-04	2.30E-04	2.30E-04	2.51E-03
-2734.69	227.40	1.68E+00	1.68E+00	1.68E+00	1.94E+00	3.70E-01	3.70E-01	3.70E-01	4.26E-01	2.39E-01	2.39E-01	2.39E-01	9.56E-01	5.25E-02	5.25E-02	5.25E-02	2.11E-01	1.87E-03	1.87E-03	1.87E-03	2.39E-02	4.10E-04	4.10E-04	4.10E-04	5.26E-03
-2371.11	-69.21	1.86E+00	1.86E+00	1.86E+00	2.54E+00	4.10E-01	4.10E-01	4.10E-01	5.59E-01	4.12E-01	4.12E-01	4.12E-01	1.11E+00	9.07E-02	9.07E-02	9.07E-02	2.44E-01	1.99E-03	1.99E-03	1.99E-03	3.21E-02	4.40E-04	4.40E-04	4.40E-04	7.07E-03
-2146.26	177.17	2.50E+00	2.50E+00	2.50E+00	2.57E+00	5.51E-01	5.51E-01	5.51E-01	5.65E-01	3.91E-01	3.91E-01	3.91E-01	1.42E+00	8.61E-02	8.61E-02	8.61E-02	3.12E-01	2.81E-03	2.81E-03	2.81E-03	3.58E-02	6.20E-04	6.20E-04	6.20E-04	7.88E-03
-1919.02	445.07	1.78E+00	1.78E+00	1.78E+00	2.36E+00	3.92E-01	3.92E-01	3.92E-01	5.20E-01	4.00E-01	4.00E-01	4.00E-01	8.84E-01	8.82E-02	8.82E-02	8.82E-02	1.95E-01	2.17E-03	2.17E-03	2.17E-03	2.75E-02	4.80E-04	4.80E-04	4.80E-04	6.04E-03
-1651.12	607.72	2.42E+00	2.42E+00	2.42E+00	2.42E+00	5.33E-01	5.33E-01	5.33E-01	5.33E-01	3.02E-01	3.02E-01	3.02E-01	8.61E-01	6.66E-02	6.66E-02	6.66E-02	1.90E-01	1.91E-03	1.91E-03	1.91E-03	2.17E-02	4.20E-04	4.20E-04	4.20E-04	4.77E-03
-3361.39	677.09	1.47E+00	1.47E+00	1.47E+00	1.47E+00	3.24E-01	3.24E-01	3.24E-01	3.24E-01	2.48E-01	2.48E-01	2.48E-01	6.07E-01	5.47E-02	5.47E-02	5.47E-02	1.34E-01	1.29E-03	1.29E-03	1.29E-03	1.44E-02	2.80E-04	2.80E-04	2.80E-04	3.18E-03
-3026.51	724.93	1.36E+00	1.36E+00	1.36E+00	1.50E+00	2.99E-01	2.99E-01	2.99E-01	3.30E-01	2.88E-01	2.88E-01	2.88E-01	6.00E-01	6.34E-02	6.34E-02	6.34E-02	1.32E-01	1.26E-03	1.26E-03	1.26E-03	1.50E-02	2.80E-04	2.80E-04	2.80E-04	3.30E-03
-1679.82	1478.41	1.38E+00	1.38E+00	1.38E+00	1.38E+00	3.04E-01	3.04E-01	3.04E-01	3.04E-01	1.74E-01	1.74E-01	1.74E-01	3.56E-01	3.82E-02	3.82E-02	3.82E-02	7.84E-02	1.25E-03	1.25E-03	1.25E-03	1.02E-02	2.70E-04	2.70E-04	2.70E-04	2.25E-03
-922.86	446.42	2.96E+00	2.96E+00	2.96E+00	2.96E+00	6.51E-01	6.51E-01	6.51E-01	6.51E-01	3.91E-01	3.91E-01	3.91E-01	1.24E+00	8.62E-02	8.62E-02	8.62E-02	2.73E-01	5.09E-03	5.09E-03	5.09E-03	6.05E-02	1.12E-03	1.12E-03	1.12E-03	1.33E-02
-1799.42	1088.51	1.65E+00	1.65E+00	1.65E+00	1.65E+00	3.64E-01	3.64E-01	3.64E-01	3.64E-01	2.07E-01	2.07E-01	2.07E-01	4.79E-01	4.55E-02	4.55E-02	4.55E-02	1.05E-01	1.38E-03	1.38E-03	1.38E-03	1.16E-02	3.00E-04	3.00E-04	3.00E-04	2.56E-03
-359.36	1846.44	8.90E-01	8.90E-01	8.90E-01	1.13E+00	1.96E-01	1.96E-01	1.96E-01	2.48E-01	1.53E-01	1.53E-01	1.53E-01	5.95E-01	3.36E-02	3.36E-02	3.36E-02	1.31E-01	1.71E-03	1.71E-03	1.71E-03	2.92E-02	3.80E-04	3.80E-04	3.80E-04	6.42E-03
671.30	-742.78	3.08E+00	3.08E+00	3.08E+00	3.93E+00	6.79E-01	6.79E-01	6.79E-01	8.66E-01	5.50E-01	5.50E-01	5.50E-01	2.14E+00	1.21E-01	1.21E-01	1.21E-01	4.72E-01	3.76E-02	3.76E-02	3.76E-02	5.00E-01	8.28E-03	8.28E-03	8.28E-03	1.10E-01
-1565.55	-932.22	2.38E+00	2.38E+00	2.38E+00	2.67E+00	5.25E-01	5.25E-01	5.25E-01	5.87E-01	4.22E-01	4.22E-01	4.22E-01	1.04E+00	9.29E-02	9.29E-02	9.29E-02	2.29E-01	5.12E-03	5.12E-03	5.12E-03	5.09E-02	1.13E-03	1.13E-03	1.13E-03	1.12E-02
-1733.02	-528.24	3.67E+00	3.67E+00	3.67E+00	3.67E+00	8.08E-01	8.08E-01	8.08E-01	8.08E-01	4.88E-01	4.88E-01	4.88E-01	1.47E+00	1.08E-01	1.08E-01	1.08E-01	3.25E-01	4.40E-03	4.40E-03	4.40E-03	5.02E-02	9.70E-04	9.70E-04	9.70E-04	1.11E-02
-1261.46	-507.67	5.41E+00	5.41E+00	5.41E+00	5.85E+00	1.19E+00	1.19E+00	1.19E+00	1.29E+00	1.01E+00	1.01E+00	1.01E+00	2.62E+00	2.22E-01	2.22E-01	2.22E-01	5.77E-01	1.15E-02	1.15E-02	1.15E-02	1.17E-01	2.53E-03	2.53E-03	2.53E-03	2.58E-02
-883.92	-503.26	5.67E+00	5.67E+00	5.67E+00	6.41E+00	1.25E+00	1.25E+00	1.25E+00	1.41E+00	1.50E+00	1.50E+00	1.50E+00	4.16E+00	3.29E-01	3.29E-01	3.29E-01	9.17E-01	7.46E-02	7.46E-02	7.46E-02	9.17E-01	1.64E-02	1.64E-02	1.64E-02	2.02E-01
1599.35	-1104.97	1.45E+00	1.45E+00	1.45E+00	2.27E+00	3.20E-01	3.20E-01	3.20E-01	5.00E-01	1.82E-01	1.82E-01	1.82E-01	1.12E+00	4.00E-02	4.00E-02	4.00E-02	2.47E-01	7.78E-03	7.78E-03	7.78E-03	1.14E-01	1.71E-03	1.71E-03	1.71E-03	2.51E-02
1608.16	-1382.63	1.41E+00	1.41E+00	1.41E+00	1.74E+00	3.12E-01	3.12E-01	3.12E-01	3.83E-01	1.77E-01	1.77E-01	1.77E-01	8.47E-01	3.89E-02	3.89E-02	3.89E-02	1.86E-01	6.81E-03	6.81E-03	6.81E-03	9.60E-02	1.50E-03	1.50E-03	1.50E-03	2.12E-02
3517.15	-1425.27	4.00E-01	4.00E-01	4.00E-01	1.15E+00	8.80E-02	8.80E-02	8.80E-02	2.52E-01	5.00E-02	5.00E-02	5.00E-02	5.67E-01	1.10E-02	1.10E-02	1.10E-02	1.25E-01	1.80E-03	1.80E-03	1.80E-03	2.59E-02	4.00E-04	4.00E-04	4.00E-04	5.70E-03
2959.77	-846.37	1.45E+00	1.45E+00	1.45E+00	1.50E+00	3.19E-01	3.19E-01	3.19E-01	3.31E-01	1.81E-01	1.81E-01	1.81E-01	3.95E-01	3.98E-02	3.98E-02	3.98E-02	8.70E-02	1.90E-03	1.90E-03	1.90E-03	1.96E-02	4.20E-04	4.20E-04	4.20E-04	4.31E-03
3479.67	224.81	1.03E+00	1.03E+00	1.03E+00	1.11E+00	2.28E-01	2.28E-01	2.28E-01	2.44E-01	1.29E-01	1.29E-01	1.29E-01	2.11E-01	2.84E-02	2.84E-02	2.84E-02	4.65E-02	1.11E-03	1.11E-03	1.11E-03	7.70E-03	2.50E-04	2.50E-04	2.50E-04	1.70E-03
44.43	1469.76	1.01E+00	1.01E+00	1.01E+00	1.33E+00	2.23E-01	2.23E-01	2.23E-01	2.93E-01	2.29E-01	2.29E-01	2.29E-01	7.26E-01	5.05E-02	5.05E-02	5.05E-02	1.60E-01	2.96E-03	2.96E-03	2.96E-03	4.52E-02	6.50E-04	6.50E-04	6.50E-04	9.95E-03
3044.83	-34.00	7.34E-01	7.34E-01	7.34E-01	1.37E+00	1.62E-01	1.62E-01	1.62E-01	3.01E-01	9.18E-02	9.18E-02	9.18E-02	2.80E-01	2.02E-02	2.02E-02	2.02E-02	6.17E-02	1.36E-03	1.36E-03	1.36E-03	1.01E-02	3.00E-04	3.00E-04	3.00E-04	2.23E-03
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-02	1.50E-02	1.50E-02	2.01E-01	3.30E-03	3.30E-03	3

Phase: 1A
Source Group: Gasoline Exhaust

		Averaging Period: 1HR_1ST								Averaging Period: 8HR_1ST								Averaging Period: AN							
		PM10				VOC				PM10				VOC				PM10				VOC			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	5.40E-04	5.40E-04	5.00E-04	4.80E-04	3.44E-03	3.44E-03	2.56E-03	2.56E-03	7.00E-05	7.00E-05	6.00E-05	1.80E-04	4.30E-04	4.30E-04	3.20E-04	9.90E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-1778.03	-291.29	4.70E-04	4.70E-04	4.40E-04	4.40E-04	3.03E-03	3.03E-03	2.26E-03	2.34E-03	8.00E-05	8.00E-05	7.00E-05	1.80E-04	4.80E-04	4.80E-04	3.60E-04	9.80E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-1732.28	175.05	4.00E-04	4.00E-04	3.70E-04	3.50E-04	2.54E-03	2.54E-03	1.89E-03	1.89E-03	7.00E-05	7.00E-05	7.00E-05	1.90E-04	4.70E-04	4.70E-04	3.50E-04	1.04E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-1579.43	347.93	3.20E-04	3.20E-04	2.90E-04	3.00E-04	2.04E-03	2.04E-03	1.52E-03	1.63E-03	6.00E-05	6.00E-05	5.00E-05	1.20E-04	3.60E-04	3.60E-04	2.70E-04	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1525.43	516.64	3.30E-04	3.30E-04	3.00E-04	2.90E-04	2.12E-03	2.12E-03	1.58E-03	1.58E-03	4.00E-05	4.00E-05	4.00E-05	1.10E-04	2.60E-04	2.60E-04	2.00E-04	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1332.88	500.04	3.50E-04	3.50E-04	3.30E-04	3.10E-04	2.27E-03	2.27E-03	1.69E-03	1.69E-03	4.00E-05	4.00E-05	4.00E-05	1.20E-04	2.80E-04	2.80E-04	2.10E-04	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1140.45	476.30	3.60E-04	3.60E-04	3.30E-04	3.20E-04	2.30E-03	2.30E-03	1.71E-03	1.71E-03	4.00E-05	4.00E-05	4.00E-05	1.30E-04	2.90E-04	2.90E-04	2.10E-04	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-672.12	353.55	4.10E-04	4.10E-04	3.80E-04	3.70E-04	2.64E-03	2.64E-03	1.97E-03	1.97E-03	6.00E-05	6.00E-05	5.00E-05	1.80E-04	3.50E-04	3.50E-04	2.60E-04	9.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	7.00E-05
-169.37	170.38	4.00E-04	4.00E-04	3.70E-04	4.50E-04	2.57E-03	2.57E-03	1.91E-03	2.40E-03	1.00E-04	1.00E-04	9.00E-05	2.80E-04	6.20E-04	6.20E-04	4.60E-04	1.50E-03	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	2.00E-05	1.90E-04
-75.04	299.11	3.30E-04	3.30E-04	3.10E-04	3.70E-04	2.13E-03	2.13E-03	1.59E-03	1.98E-03	8.00E-05	8.00E-05	7.00E-05	2.20E-04	4.90E-04	4.90E-04	3.70E-04	1.20E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	1.00E-05	1.30E-04
49.15	527.20	2.60E-04	2.60E-04	2.40E-04	2.80E-04	1.66E-03	1.66E-03	1.24E-03	1.51E-03	6.00E-05	6.00E-05	5.00E-05	1.70E-04	3.60E-04	3.60E-04	2.70E-04	9.00E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-05	1.00E-05	9.00E-05
144.22	648.15	2.30E-04	2.30E-04	2.20E-04	2.60E-04	1.50E-03	1.50E-03	1.12E-03	1.37E-03	5.00E-05	5.00E-05	4.00E-05	1.50E-04	2.90E-04	2.90E-04	2.20E-04	8.00E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	7.00E-05
394.15	623.31	2.10E-04	2.10E-04	1.90E-04	2.60E-04	1.34E-03	1.34E-03	1.00E-03	1.38E-03	3.00E-05	3.00E-05	3.00E-05	1.40E-04	2.10E-04	2.10E-04	1.50E-04	7.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	6.00E-05
501.62	717.12	1.80E-04	1.80E-04	1.70E-04	2.40E-04	1.18E-03	1.18E-03	8.80E-04	1.27E-03	3.00E-05	3.00E-05	2.00E-05	1.30E-04	1.60E-04	1.60E-04	1.20E-04	7.00E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	5.00E-05
618.47	665.12	1.70E-04	1.70E-04	1.60E-04	2.40E-04	1.08E-03	1.08E-03	8.00E-04	1.31E-03	2.00E-05	2.00E-05	2.00E-05	1.40E-04	1.50E-04	1.50E-04	1.10E-04	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	5.00E-05
755.45	579.13	2.00E-04	2.00E-04	1.80E-04	2.70E-04	1.28E-03	1.28E-03	9.50E-04	1.45E-03	3.00E-05	3.00E-05	2.00E-05	1.40E-04	1.70E-04	1.70E-04	1.30E-04	7.60E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	5.00E-05
867.79	485.41	2.00E-04	2.00E-04	1.90E-04	2.70E-04	1.29E-03	1.29E-03	9.60E-04	1.47E-03	3.00E-05	3.00E-05	2.00E-05	1.30E-04	1.70E-04	1.70E-04	1.30E-04	7.00E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
955.03	377.60	1.90E-04	1.90E-04	1.70E-04	2.90E-04	1.21E-03	1.21E-03	9.00E-04	1.55E-03	2.00E-05	2.00E-05	2.00E-05	1.20E-04	1.60E-04	1.60E-04	1.20E-04	6.20E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
1331.68	-165.58	3.50E-04	3.50E-04	3.30E-04	3.80E-04	2.26E-03	2.26E-03	1.68E-03	2.06E-03	4.00E-05	4.00E-05	4.00E-05	1.00E-04	2.80E-04	2.80E-04	2.10E-04	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1406.74	-290.13	3.40E-04	3.40E-04	3.10E-04	3.70E-04	2.18E-03	2.18E-03	1.62E-03	1.99E-03	4.00E-05	4.00E-05	4.00E-05	1.10E-04	2.70E-04	2.70E-04	2.00E-04	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1456.20	-436.06	4.70E-04	4.70E-04	4.40E-04	4.20E-04	3.04E-03	3.04E-03	2.26E-03	2.26E-03	6.00E-05	6.00E-05	5.00E-05	9.00E-05	3.80E-04	3.80E-04	2.80E-04	5.10E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1209.21	-528.32	5.30E-04	5.30E-04	4.90E-04	4.70E-04	3.40E-03	3.40E-03	2.53E-03	2.53E-03	7.00E-05	7.00E-05	6.00E-05	1.70E-04	4.30E-04	4.30E-04	3.20E-04	8.90E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	7.00E-05
913.01	-694.67	3.90E-04	3.90E-04	3.60E-04	5.10E-04	2.48E-03	2.48E-03	1.85E-03	2.75E-03	5.00E-05	5.00E-05	4.00E-05	2.70E-04	3.10E-04	3.10E-04	2.30E-04	1.44E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	3.00E-05	3.00E-05	2.00E-05	2.10E-04
717.24	-664.22	4.60E-04	4.60E-04	4.20E-04	5.40E-04	2.92E-03	2.92E-03	2.17E-03	2.87E-03	8.00E-05	8.00E-05	8.00E-05	2.90E-04	5.20E-04	5.20E-04	3.90E-04	1.58E-03	1.00E-05	1.00E-05	1.00E-05	7.00E-05	4.00E-05	4.00E-05	3.00E-05	3.80E-04
544.23	-594.35	5.40E-04	5.40E-04	4.90E-04	6.30E-04	3.43E-03	3.43E-03	2.55E-03	3.39E-03	1.10E-04	1.10E-04	1.00E-04	3.60E-04	6.80E-04	6.80E-04	5.00E-04	1.90E-03	1.00E-05	1.00E-05	1.00E-05	1.10E-04	7.00E-05	7.00E-05	5.00E-05	5.70E-04
338.12	-539.73	7.60E-04	7.60E-04	7.00E-04	7.90E-04	4.84E-03	4.84E-03	3.60E-03	4.24E-03	1.50E-04	1.50E-04	1.40E-04	4.90E-04	9.80E-04	9.80E-04	7.30E-04	2.64E-03	2.00E-05	2.00E-05	1.00E-05	1.50E-04	1.00E-04	1.00E-04	7.00E-05	8.00E-04
123.44	-529.45	8.20E-04	8.20E-04	7.60E-04	7.70E-04	5.26E-03	5.26E-03	3.91E-03	4.12E-03	2.30E-04	2.30E-04	2.10E-04	6.50E-04	1.46E-03	1.46E-03	1.09E-03	3.46E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-04	1.30E-04	1.30E-04	9.00E-05	1.08E-03
-353.26	-515.05	7.80E-04	7.80E-04	7.20E-04	7.10E-04	4.99E-03	4.99E-03	3.72E-03	3.81E-03	2.10E-04	2.10E-04	1.90E-04	6.00E-04	1.35E-03	1.35E-03	1.01E-03	3.19E-03	2.00E-05	2.00E-05	2.00E-05	1.80E-04	1.10E-04	1.10E-04	8.00E-05	9.90E-04
-537.68	-487.80	8.10E-04	8.10E-04	7.50E-04	7.80E-04	5.20E-03	5.20E-03	3.87E-03	4.17E-03	2.20E-04	2.20E-04	2.00E-04	5.90E-04	1.39E-03	1.39E-03	1.03E-03	3.19E-03	2.00E-05	2.00E-05	2.00E-05	1.80E-04	1.10E-04	1.10E-04	8.00E-05	9.60E-04
-775.51	-486.07	7.90E-04	7.90E-04	7.30E-04	7.80E-04	5.08E-03	5.08E-03	3.78E-03	4.19E-03	2.10E-04	2.10E-04	1.90E-04	5.50E-04	1.32E-03	1.32E-03	9.80E-04	2.94E-03	1.00E-05	1.00E-05	1.00E-05	1.50E-04	9.00E-05	9.00E-05	7.00E-05	7.90E-04
-1414.44	-481.50	6.40E-04	6.40E-04	5.90E-04	5.70E-04	4.09E-03	4.09E-03	3.04E-03	3.05E-03	1.00E-04	1.00E-04	1.00E-04	2.40E-04	6.70E-04	6.70E-04	5.00E-04	1.29E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	5.00E-05
-1515.21	-320.18	6.50E-04	6.50E-04	6.00E-04	5.80E-04	4.16E-03	4.16E-03	3.10E-03	3.10E-03	9.00E-05	9.00E-05	9.00E-05	2.50E-04	6.10E-04	6.10E-04	4.50E-04	1.34E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	5.00E-05
-1749.69	-63.90	3.70E-04	3.70E-04	3.40E-04	4.00E-04	2.35E-03	2.35E-03	1.75E-03	2.14E-03	7.00E-05	7.00E-05	6.00E-05	2.20E-04	4.20E-04	4.20E-04	3.10E-04	1.17E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-920.57	426.17	3.80E-04	3.80E-04	3.50E-04	3.40E-04	2.44E-03	2.44E-03	1.82E-03	1.82E-03	5.00E-05	5.00E-05	5.00E-05	1.40E-04	3.20E-04	3.20E-04	2.40E-04	7.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-420.73	233.87	4.70E-04	4.70E-04	4.30E-04	4.30E-04	3.00E-03	3.00E-03	2.23E-03	2.31E-03	7.00E-05	7.00E-05	7.00E-05	2.50E-04	4.70E-04	4.70E-04	3.50E-04	1.35E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	1.00E-05	1.30E-04
1090.12	214.10	2.20E-04	2.20E-04	2.00E-04	3.30E-04	1.41E-03	1.41E-03	1.05E-03	1.76E-03	3.00E-05	3.00E-05	3.00E-05	1.20E-04	1.80E-04	1.80E-04	1.30E-04	6.60E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1183.39	65.17	3.90E-04	3.90E-04	3.60E-04	3.60E-04	2.52E-03	2.52E-03	1.88E-03	1.93E-03	5.00E-05	5.00E-05	5.00E-05	1.00E-04	3.20E-04	3.20E-04	2.30E-04	5.40E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
1055.30	-577.42	5.10E-04	5.10E-04	4.70E-04	4.90E-04	3.28E-03	3.28E-03	2.44E-03	2.64E-03	6.00E-05	6.00E-05	6.00E-05	2.30E-04	4.10E-04	4.10E-04	3.10E-04	1.25E-03	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-05	1.00E-05	1.20E-04
-103.02	-518.78	8.10E-04	8.10E-04	7.50E-04	7.40E-04	5.18E-03	5.18E-03	3.86E-03	3.95E-03	2.40E-04	2.40E-04	2.20E-04	6.60E-04	1.51E-03	1.51E-03	1.13E-03	3.56E-03	2.00E-05	2.00E-05	2.00E-05	2.10E-04	1.30E-04	1.30E-04	1.00E-04	1.12E-03
-1076.39	-488.67	7.90E-04	7.90E-04	7.30E-04	7.80E-04	5.06E-03	5.06E-03	3.77E-03	4.16E-03	1.70E-04	1.70E-04	1.50E-04	4.40E-04	1.07E-03	1.07E-03	8.00E-04	2.37E-03	0.00E+00	0.00E+00	0.00E+00	4.00E-05	3.00E-05	3.00E-05	2.00E-05	2.30E-04
-4113.79	-1330.97	1.00E-04	1.00E-04	1.00E-04	1.10E-04	6.70E-04	6.70E-04	5.00E-04	5.70E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	8.00E-05	8.00E-05	6.00E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-5050.04	-958.41	7.00E-05	7.00E-05	6.00E-05	8.00E-05	4.50E-04	4.50E-04	3.40E-04	4.50E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	6.00E-05	6.00E-05	4.00E-05	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	1.00E-04	1.00E-04	1.00E-04	1.30E-04	6.70E-04	6.70E-04	5.00E-04	6.90E-04	2.00E-05	2.00E-05	2.00E-05	4.00E-05	1.50E-04	1.50E-04	1.10E-04	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-2122.34	995.23	2.30E-04	2.30E-04	2.10E-04	2.00E-04	1.45E-03	1.45E-03	1.08E-03	1.08E-03	3.00E-05	3.00E-05	3.00E-05	7.00E-05	1.80E-04	1.80E-04	1.30E-04	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-2734.69	227.40	2.00E-04	2.00E-04	1.90E-04	2.10E-04	1.30E-03	1.30E-03	9.70E-04	1.11E-03	3.00E-05	3.00E-05	3.00E-05	1.00E-04	1.80E-04	1.80E-04	1.40E-04	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-2371.11	-69.21	2.20E-04	2.20E-04	2.10E-04	2.70E-04	1.44E-03	1.44E-03	1.07E-03	1.46E-03	5.00E-05	5.00E-05	5.00E-05	1.20E-04	3.20E-04	3.20E-04	2.40E-04	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-2146.26	177.17	3.10E-04	3.10E-04	2.90E-04	2.80E-04	1.98E-03	1.98E-03	1.48E-03	1.49E-03	5.00E-05	5.00E-05	5.00E-05	1.60E-04	3.10E-04	3.10E-04	2.30E-04	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1919.02	445.07	2.20E-04	2.20E-04	2.00E-04	2.60E-04	1.41E-03	1.41E-03	1.05E-03	1.40E-03	5.00E-05	5.00E-05	5.00E-05	1.00E-04	3.20E-04	3.20E-04	2.40E-04	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
-1651.12	607.72	3.00E-04	3.00E-04	2.80E-04	2.70E-04	1.95E-03	1.95E-03	1.45E-03	1.45E-03	4.00E-05	4.00E-05	4.00E-05	1.00E-04	2.40E-04	2.40E-04	1.80E-04	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-3361.39	677.09	1.80E-04	1.80E-04	1.60E-04	1.60E-04	1.14E-03	1.14E-03	8.50E-04	8.50E-04	3.00E-05	3.00E-05	3.00E-05	7.00E-05	1.90E-04	1.90E-04	1.40E-04	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-3026.51	724.93	1.70E-04	1.70E-04	1.50E-04	1.60E-04	1.07E-03	1.07E-03	8.00E-04	8.70E-04	4.00E-05	4.00E-05	3.00E-05	7.00E-05	2.20E-04	2.20E-04	1.70E-04	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-1679.82	1478.41	1.70E-04	1.70E-04	1.60E-04	1.50E-04	1.10E-03	1.10E-03	8.20E-04	8.20E-04	2.00E-05	2.00E-05	2.00E-05	4.00E-05	1.40E-04	1.40E-04	1.10E-04	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-922.86	446.42	3.70E-04	3.70E-04	3.40E-04	3.30E-04	2.39E-03	2.39E-03	1.78E-03	1.78E-03	5.00E-05	5.00E-05	5.00E-05	1.40E-04	3.20E-04	3.20E-04	2.40E-04	7.50E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	4.00E-05
-1799.42	1088.51	2.10E-04	2.10E-04	1.90E-04	1.80E-04	1.33E-03	1.33E-03	9.90E-04	9.90E-04	3.00E-05	3.00E-05	2.00E-05	5.00E-05	1.70E-04	1.70E-04	1.20E-04	2.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
-359.36	1846.44	1.10E-04	1.10E-04	1.00E-04	1.30E-04	7.20E-04	7.20E-04	5.40E-04	6.80E-04	2.00E-05	2.00E-05	2.00E-05	7.00E-05	1.20E-04	1.20E-04	9.00E-05	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
671.30	-742.78	3.90E-04	3.90E-04	3.60E-04	4.40E-04	2.49E-03	2.49E-03	1.85E-03	2.37E-03	7.00E-05	7.00E-05	6.00E-05	2.40E-04	4.50E-04	4.50E-04	3.40E-04	1.30E-03	0.00E+00	0.00E+00	0.00E+00	6.00E-05	3.00E-05	3.00E-05	2.00E-05	3.00E-04
-1565.55	-932.22	3.00E-04	3.00E-04	2.80E-04	3.00E-04	1.92E-03	1.92E-03	1.43E-03	1.59E-03	5.00E-05	5.00E-05	5.00E-05	1.20E-04	3.40E-04	3.40E-04	2.50E-04	6.30E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-1733.02	-528.24	4.50E-04	4.50E-04	4.10E-04	4.00E-04	2.87E-03	2.87E-03	2.14E-03	2.14E-03	6.00E-05	6.00E-05	6.00E-05	1.60E-04	4.00E-04	4.00E-04	3.00E-04	8.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
-1261.46	-507.67	6.80E-04	6.80E-04	6.20E-04	6.50E-04	4.33E-03	4.33E-03	3.22E-03	3.47E-03	1.30E-04	1.30E-04	1.20E-04	3.00E-04	8.20E-04	8.20E-04	6.10E-04	1.59E-03	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-05	7.00E-05
-883.92	-503.26	7.20E-04	7.20E-04	6.60E-04	7.30E-04	4.62E-03	4.62E-03	3.43E-03	3.89E-03	1.90E-04	1.90E-04	1.80E-04	4.70E-04	1.22E-03	1.22E-03	9.10E-04	2.54E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-04	6.00E-05	6.00E-05	5.00E-05	5.60E-04
1599.35	-1104.97	1.80E-04	1.80E-04	1.70E-04	2.50E-04	1.16E-03	1.16E-03	8.60E-04	1.34E-03	2.00E-05	2.00E-05	2.00E-05	1.20E-04	1.40E-04	1.40E-04	1.10E-04	6.60E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	7.00E-05
1608.16	-1382.63	1.70E-04	1.70E-04	1.60E-04	1.90E-04	1.12E-03	1.12E-03	8.30E-04	1.04E-03	2.00E-05	2.00E-05	2.00E-05	9.00E-05	1.40E-04	1.40E-04	1.00E-04	5.10E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	6.00E-05
3517.15	-1425.27	5.00E-05	5.00E-05	4.00E-05	1.20E-04	3.10E-04	3.10E-04	2.30E-04	6.50E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	4.00E-05	4.00E-05	3.00E-05	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
2959.77	-846.37	1.80E-04	1.80E-04	1.60E-04	1.60E-04	1.14E-03	1.14E-03	8.50E-04	8.60E-04	2.00E-05	2.00E-05	2.00E-05	4.00E-05	1.40E-04	1.40E-04	1.10E-04	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
3479.67	224.81	1.30E-04	1.30E-04	1.20E-04	1.20E-04	8.10E-04	8.10E-04	6.00E-04	6.30E-04	2.00E-05	2.00E-05	1.00E-05	2.00E-05	1.00E-04	1.00E-04	8.00E-05	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	1.30E-04	1.30E-04	1.20E-04	1.50E-04	8.30E-04	8.30E-04	6.20E-04	8.10E-04	3.00E-05	3.00E-05	3.00E-05	8.00E-05	1.90E-04	1.90E-04	1.40E-04	4.40E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	3.00E-05
3044.83	-34.00	1.00E-04	1.00E-04	9.00E-05	1.50E-04	6.20E-04	6.20E-04	4.60E-04	7.80E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	8.00E-05	8.00E-05	6.00E-05	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-

Phase: 1A
Source Group: Tire Wear / Brake Wear (TB)

		Averaging Period: 1HR_1ST				Averaging Period: 8HR_1ST				Averaging Period: AN			
		PM10				PM10				PM10			
X	Y	2021	2022	2023	2024	2021	2022	2023	2024	2021	2022	2023	2024
-1710.89	-383.91	3.54E-02	3.54E-02	3.54E-02	3.54E-02	4.42E-03	4.42E-03	4.42E-03	1.36E-02	3.00E-05	3.00E-05	3.00E-05	4.90E-04
-1778.03	-291.29	3.11E-02	3.11E-02	3.11E-02	3.22E-02	4.98E-03	4.98E-03	4.98E-03	1.36E-02	3.00E-05	3.00E-05	3.00E-05	4.80E-04
-1732.28	175.05	2.61E-02	2.61E-02	2.61E-02	2.61E-02	4.83E-03	4.83E-03	4.83E-03	1.43E-02	3.00E-05	3.00E-05	3.00E-05	3.90E-04
-1579.43	347.93	2.09E-02	2.09E-02	2.09E-02	2.26E-02	3.70E-03	3.70E-03	3.70E-03	8.81E-03	3.00E-05	3.00E-05	3.00E-05	3.10E-04
-1525.43	516.64	2.18E-02	2.18E-02	2.18E-02	2.18E-02	2.72E-03	2.72E-03	2.72E-03	8.12E-03	2.00E-05	2.00E-05	2.00E-05	2.30E-04
-1332.88	500.04	2.33E-02	2.33E-02	2.33E-02	2.33E-02	2.91E-03	2.91E-03	2.91E-03	9.04E-03	2.00E-05	2.00E-05	2.00E-05	2.60E-04
-1140.45	476.30	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.95E-03	2.95E-03	2.95E-03	9.27E-03	3.00E-05	3.00E-05	3.00E-05	3.40E-04
-672.12	353.55	2.71E-02	2.71E-02	2.71E-02	2.71E-02	3.62E-03	3.62E-03	3.62E-03	1.34E-02	8.00E-05	8.00E-05	8.00E-05	9.40E-04
-169.37	170.38	2.64E-02	2.64E-02	2.64E-02	3.31E-02	6.32E-03	6.32E-03	6.32E-03	2.07E-02	2.70E-04	2.70E-04	2.70E-04	2.58E-03
-75.04	299.11	2.19E-02	2.19E-02	2.19E-02	2.73E-02	5.03E-03	5.03E-03	5.03E-03	1.66E-02	1.70E-04	1.70E-04	1.70E-04	1.85E-03
49.15	527.20	1.71E-02	1.71E-02	1.71E-02	2.08E-02	3.66E-03	3.66E-03	3.66E-03	1.25E-02	9.00E-05	9.00E-05	9.00E-05	1.18E-03
144.22	648.15	1.54E-02	1.54E-02	1.54E-02	1.89E-02	3.03E-03	3.03E-03	3.03E-03	1.10E-02	7.00E-05	7.00E-05	7.00E-05	9.60E-04
394.15	623.31	1.38E-02	1.38E-02	1.38E-02	1.91E-02	2.14E-03	2.14E-03	2.14E-03	1.06E-02	7.00E-05	7.00E-05	7.00E-05	8.90E-04
501.62	717.12	1.21E-02	1.21E-02	1.21E-02	1.76E-02	1.65E-03	1.65E-03	1.65E-03	9.66E-03	6.00E-05	6.00E-05	6.00E-05	7.40E-04
618.47	665.12	1.11E-02	1.11E-02	1.11E-02	1.81E-02	1.50E-03	1.50E-03	1.50E-03	1.04E-02	6.00E-05	6.00E-05	6.00E-05	7.10E-04
755.45	579.13	1.31E-02	1.31E-02	1.31E-02	2.00E-02	1.75E-03	1.75E-03	1.75E-03	1.05E-02	5.00E-05	5.00E-05	5.00E-05	6.60E-04
867.79	485.41	1.32E-02	1.32E-02	1.32E-02	2.03E-02	1.73E-03	1.73E-03	1.73E-03	9.64E-03	5.00E-05	5.00E-05	5.00E-05	6.10E-04
955.03	377.60	1.25E-02	1.25E-02	1.25E-02	2.14E-02	1.62E-03	1.62E-03	1.62E-03	8.51E-03	5.00E-05	5.00E-05	5.00E-05	5.60E-04
1331.68	-165.58	2.32E-02	2.32E-02	2.32E-02	2.84E-02	2.90E-03	2.90E-03	2.90E-03	7.51E-03	4.00E-05	4.00E-05	4.00E-05	3.50E-04
1406.74	-290.13	2.23E-02	2.23E-02	2.23E-02	2.74E-02	2.79E-03	2.79E-03	2.79E-03	8.37E-03	4.00E-05	4.00E-05	4.00E-05	3.70E-04
1456.20	-436.06	3.12E-02	3.12E-02	3.12E-02	3.12E-02	3.90E-03	3.90E-03	3.90E-03	6.98E-03	4.00E-05	4.00E-05	4.00E-05	4.50E-04
1209.21	-528.32	3.50E-02	3.50E-02	3.50E-02	3.50E-02	4.37E-03	4.37E-03	4.37E-03	1.23E-02	8.00E-05	8.00E-05	8.00E-05	9.60E-04
913.01	-694.67	2.55E-02	2.55E-02	2.55E-02	3.80E-02	3.19E-03	3.19E-03	3.19E-03	1.99E-02	2.60E-04	2.60E-04	2.60E-04	2.84E-03
717.24	-664.22	3.00E-02	3.00E-02	3.00E-02	3.97E-02	5.37E-03	5.37E-03	5.37E-03	2.18E-02	4.60E-04	4.60E-04	4.60E-04	5.28E-03
544.23	-594.35	3.52E-02	3.52E-02	3.52E-02	4.68E-02	6.94E-03	6.94E-03	6.94E-03	2.63E-02	6.90E-04	6.90E-04	6.90E-04	7.92E-03
338.12	-539.73	4.97E-02	4.97E-02	4.97E-02	5.85E-02	1.01E-02	1.01E-02	1.01E-02	3.63E-02	1.01E-03	1.01E-03	1.01E-03	1.10E-02
123.44	-529.45	5.40E-02	5.40E-02	5.40E-02	5.68E-02	1.50E-02	1.50E-02	1.50E-02	4.77E-02	1.29E-03	1.29E-03	1.29E-03	1.49E-02
-353.26	-515.05	5.13E-02	5.13E-02	5.13E-02	5.26E-02	1.39E-02	1.39E-02	1.39E-02	4.40E-02	1.14E-03	1.14E-03	1.14E-03	1.36E-02
-537.68	-487.80	5.34E-02	5.34E-02	5.34E-02	5.75E-02	1.42E-02	1.42E-02	1.42E-02	4.39E-02	1.16E-03	1.16E-03	1.16E-03	1.32E-02
-775.51	-486.07	5.21E-02	5.21E-02	5.21E-02	5.79E-02	1.35E-02	1.35E-02	1.35E-02	4.06E-02	9.50E-04	9.50E-04	9.50E-04	1.09E-02
-1414.44	-481.50	4.20E-02	4.20E-02	4.20E-02	4.21E-02	6.89E-03	6.89E-03	6.89E-03	1.78E-02	6.00E-05	6.00E-05	6.00E-05	7.20E-04
-1515.21	-320.18	4.27E-02	4.27E-02	4.27E-02	4.27E-02	6.22E-03	6.22E-03	6.22E-03	1.85E-02	5.00E-05	5.00E-05	5.00E-05	7.00E-04
-1749.69	-63.90	2.41E-02	2.41E-02	2.41E-02	2.96E-02	4.31E-03	4.31E-03	4.31E-03	1.61E-02	3.00E-05	3.00E-05	3.00E-05	5.00E-04
-920.57	426.17	2.51E-02	2.51E-02	2.51E-02	2.51E-02	3.32E-03	3.32E-03	3.32E-03	1.07E-02	4.00E-05	4.00E-05	4.00E-05	5.30E-04
-420.73	233.87	3.08E-02	3.08E-02	3.08E-02	3.19E-02	4.87E-03	4.87E-03	4.87E-03	1.86E-02	1.70E-04	1.70E-04	1.70E-04	1.77E-03
1090.12	214.10	1.45E-02	1.45E-02	1.45E-02	2.43E-02	1.81E-03	1.81E-03	1.81E-03	9.04E-03	4.00E-05	4.00E-05	4.00E-05	4.60E-04
1183.39	65.17	2.59E-02	2.59E-02	2.59E-02	2.67E-02	3.24E-03	3.24E-03	3.24E-03	7.49E-03	4.00E-05	4.00E-05	4.00E-05	3.90E-04
1055.30	-577.42	3.37E-02	3.37E-02	3.37E-02	3.64E-02	4.22E-03	4.22E-03	4.22E-03	1.72E-02	1.30E-04	1.30E-04	1.30E-04	1.59E-03
-103.02	-518.78	5.32E-02	5.32E-02	5.32E-02	5.46E-02	1.55E-02	1.55E-02	1.55E-02	4.91E-02	1.33E-03	1.33E-03	1.33E-03	1.55E-02
-1076.39	-488.67	5.20E-02	5.20E-02	5.20E-02	5.74E-02	1.10E-02	1.10E-02	1.10E-02	3.27E-02	2.60E-04	2.60E-04	2.60E-04	3.13E-03
-4113.79	-1330.97	6.88E-03	6.88E-03	6.88E-03	7.92E-03	8.60E-04	8.60E-04	8.60E-04	2.36E-03	1.00E-05	1.00E-05	1.00E-05	7.00E-05
-5050.04	-958.41	4.63E-03	4.63E-03	4.63E-03	6.26E-03	5.80E-04	5.80E-04	5.80E-04	1.87E-03	0.00E+00	0.00E+00	0.00E+00	6.00E-05
-4023.97	-112.26	6.84E-03	6.84E-03	6.84E-03	9.58E-03	1.57E-03	1.57E-03	1.57E-03	3.17E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-04
-2122.34	995.23	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.86E-03	1.86E-03	1.86E-03	4.91E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-04
-2734.69	227.40	1.34E-02	1.34E-02	1.34E-02	1.53E-02	1.90E-03	1.90E-03	1.90E-03	7.73E-03	2.00E-05	2.00E-05	2.00E-05	2.00E-04
-2371.11	-69.21	1.48E-02	1.48E-02	1.48E-02	2.01E-02	3.31E-03	3.31E-03	3.31E-03	9.08E-03	2.00E-05	2.00E-05	2.00E-05	2.70E-04
-2146.26	177.17	2.04E-02	2.04E-02	2.04E-02	2.06E-02	3.23E-03	3.23E-03	3.23E-03	1.15E-02	2.00E-05	2.00E-05	2.00E-05	3.00E-04
-1919.02	445.07	1.45E-02	1.45E-02	1.45E-02	1.93E-02	3.28E-03	3.28E-03	3.28E-03	7.51E-03	2.00E-05	2.00E-05	2.00E-05	2.30E-04
-1651.12	607.72	2.00E-02	2.00E-02	2.00E-02	2.00E-02	2.51E-03	2.51E-03	2.51E-03	7.22E-03	2.00E-05	2.00E-05	2.00E-05	1.80E-04
-3361.39	677.09	1.17E-02	1.17E-02	1.17E-02	1.17E-02	2.00E-03	2.00E-03	2.00E-03	5.04E-03	1.00E-05	1.00E-05	1.00E-05	1.20E-04
-3026.51	724.93	1.10E-02	1.10E-02	1.10E-02	1.19E-02	2.31E-03	2.31E-03	2.31E-03	4.84E-03	1.00E-05	1.00E-05	1.00E-05	1.30E-04
-1679.82	1478.41	1.13E-02	1.13E-02	1.13E-02	1.13E-02	1.46E-03	1.46E-03	1.46E-03	2.96E-03	1.00E-05	1.00E-05	1.00E-05	9.00E-05
-922.86	446.42	2.45E-02	2.45E-02	2.45E-02	2.45E-02	3.25E-03	3.25E-03	3.25E-03	1.04E-02	4.00E-05	4.00E-05	4.00E-05	5.10E-04
-1799.42	1088.51	1.36E-02	1.36E-02	1.36E-02	1.36E-02	1.71E-03	1.71E-03	1.71E-03	4.00E-03	1.00E-05	1.00E-05	1.00E-05	1.00E-04
-359.36	1846.44	7.44E-03	7.44E-03	7.44E-03	9.38E-03	1.28E-03	1.28E-03	1.28E-03	4.99E-03	1.00E-05	1.00E-05	1.00E-05	2.50E-04
671.30	-742.78	2.56E-02	2.56E-02	2.56E-02	3.27E-02	4.64E-03	4.64E-03	4.64E-03	1.79E-02	3.20E-04	3.20E-04	3.20E-04	4.20E-03
-1565.55	-932.22	1.97E-02	1.97E-02	1.97E-02	2.19E-02	3.49E-03	3.49E-03	3.49E-03	8.71E-03	4.00E-05	4.00E-05	4.00E-05	4.30E-04
-1733.02	-528.24	2.95E-02	2.95E-02	2.95E-02	2.95E-02	4.12E-03	4.12E-03	4.12E-03	1.20E-02	4.00E-05	4.00E-05	4.00E-05	4.20E-04
-1261.46	-507.67	4.45E-02	4.45E-02	4.45E-02	4.79E-02	8.40E-03	8.40E-03	8.40E-03	2.20E-02	1.00E-04	1.00E-04	1.00E-04	1.00E-03
-883.92	-503.26	4.74E-02	4.74E-02	4.74E-02	5.37E-02	1.25E-02	1.25E-02	1.25E-02	3.50E-02	6.30E-04	6.30E-04	6.30E-04	7.73E-03
1599.35	-1104.97	1.19E-02	1.19E-02	1.19E-02	1.85E-02	1.48E-03	1.48E-03	1.48E-03	9.16E-03	7.00E-05	7.00E-05	7.00E-05	9.50E-04
1608.16	-1382.63	1.15E-02	1.15E-02	1.15E-02	1.43E-02	1.44E-03	1.44E-03	1.44E-03	6.97E-03	6.00E-05	6.00E-05	6.00E-05	8.10E-04
3517.15	-1425.27	3.20E-03	3.20E-03	3.20E-03	9.02E-03	4.10E-04	4.10E-04	4.10E-04	4.51E-03	2.00E-05	2.00E-05	2.00E-05	2.20E-04
2959.77	-846.37	1.17E-02	1.17E-02	1.17E-02	1.18E-02	1.46E-03	1.46E-03	1.46E-03	3.22E-03	2.00E-05	2.00E-05	2.00E-05	1.70E-04
3479.67	224.81	8.31E-03	8.31E-03	8.31E-03	8.68E-03	1.04E-03	1.04E-03	1.04E-03	1.71E-03	1.00E-05	1.00E-05	1.00E-05	7.00E-05
44.43	1469.76	8.50E-03	8.50E-03	8.50E-03	1.12E-02	1.92E-03	1.92E-03	1.92E-03	6.07E-03	2.00E-05	2.00E-05	2.00E-05	3.80E-04
3044.83	-34.00	6.33E-03	6.33E-03	6.33E-03	1.08E-02	7.90E-04	7.90E-04	7.90E-04	2.35E-03	1.00E-05	1.00E-05	1.00E-05	9.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	1.30E-04	1.30E-04	1.69E-03
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	3.20E-04
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05	6.00E-05	6.00E-05	8.40E-04
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	2.70E-04
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	4.00E-04
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	3.40E-04	3.40E-04	5.38E-03
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	3.50E-04	3.50E-04	5.48E-03
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-05	5.00E-05	5.00E-05	7.30E-04
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	4.00E-05	4.00E-05	5.10E-04
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.80E-04
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	3.70E-04
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	3.00E-04
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	4.20E-04
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	8.00E-05
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.80E-04
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	1.70E-04
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.30E-04
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.10E-04
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	1.00E-04
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05	4.50E-04
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	2.60E-04

		Phase: 1A1B																					
		Source Group: Diesel Exhaust						Source Group: Fugitive						Source Group: Gasoline Exhaust						Source Group: Tire Wear / Brake Wear (TB)			
		Averaging Period: 1HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: AN		Averaging Period: 1HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: AN		Averaging Period: 1HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: AN		Averaging Peri	Averaging Peri	Averaging Peri	
		PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	VOC	PM10	PM10	PM10	
X	Y	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	2024	
-1710.89	-383.91	1.51E+00	4.78E+00	5.00E-01	1.59E+00	2.21E-02	7.08E-02	1.01E+01	1.32E+00	1.90E+00	3.70E-01	6.63E-02	1.33E-02	6.50E-04	3.36E-03	1.90E-04	1.02E-03	1.00E-05	4.00E-05	4.61E-02	1.40E-02	5.20E-04	
-1778.03	-291.29	1.50E+00	4.80E+00	5.27E-01	1.68E+00	2.11E-02	6.76E-02	9.74E+00	1.21E+00	2.30E+00	3.80E-01	6.34E-02	1.29E-02	6.90E-04	3.53E-03	1.90E-04	1.01E-03	1.00E-05	4.00E-05	4.74E-02	1.39E-02	5.00E-04	
-1732.28	175.05	1.47E+00	4.78E+00	5.82E-01	1.87E+00	1.73E-02	5.54E-02	7.43E+00	9.60E-01	2.16E+00	4.09E-01	5.26E-02	1.06E-02	7.00E-04	3.53E-03	2.30E-04	1.21E-03	1.00E-05	3.00E-05	4.63E-02	1.65E-02	4.20E-04	
-1579.43	347.93	1.45E+00	4.70E+00	4.13E-01	1.33E+00	1.44E-02	4.61E-02	7.75E+00	8.69E-01	1.53E+00	2.35E-01	4.10E-02	8.27E-03	6.30E-04	3.15E-03	1.40E-04	7.30E-04	0.00E+00	2.00E-05	4.13E-02	9.78E-03	3.30E-04	
-1525.43	516.64	1.38E+00	4.55E+00	3.32E-01	1.06E+00	1.11E-02	3.56E-02	6.70E+00	7.91E-01	1.33E+00	2.13E-01	3.10E-02	6.11E-03	6.40E-04	3.19E-03	1.30E-04	6.90E-04	0.00E+00	2.00E-05	4.15E-02	9.16E-03	2.40E-04	
-1332.88	500.04	1.43E+00	4.69E+00	3.78E-01	1.21E+00	1.31E-02	4.20E-02	7.43E+00	7.58E-01	1.48E+00	2.45E-01	3.68E-02	7.15E-03	6.70E-04	3.29E-03	1.30E-04	6.80E-04	0.00E+00	2.00E-05	4.24E-02	9.35E-03	2.80E-04	
-1140.45	476.30	1.55E+00	5.12E+00	4.30E-01	1.39E+00	1.69E-02	5.42E-02	7.18E+00	7.40E-01	1.57E+00	2.61E-01	4.68E-02	9.20E-03	7.10E-04	3.45E-03	1.60E-04	8.20E-04	1.00E-05	3.00E-05	4.41E-02	1.11E-02	3.70E-04	
-672.12	353.55	1.37E+00	4.44E+00	6.17E-01	2.00E+00	4.71E-02	1.52E-01	1.13E+01	9.03E-01	2.84E+00	3.50E-01	1.47E-01	2.66E-02	6.40E-04	3.10E-03	2.40E-04	1.19E-03	2.00E-05	8.00E-05	4.03E-02	1.57E-02	1.09E-03	
-169.37	170.38	1.42E+00	4.54E+00	8.69E-01	2.78E+00	1.14E-01	3.65E-01	8.56E+00	8.66E-01	2.47E+00	5.43E-01	3.27E-01	6.86E-02	5.80E-04	2.86E-03	2.80E-04	1.50E-03	4.00E-05	1.90E-04	3.75E-02	2.07E-02	2.67E-03	
-75.04	299.11	1.15E+00	3.69E+00	7.04E-01	2.25E+00	8.12E-02	2.60E-01	7.05E+00	7.16E-01	1.97E+00	4.34E-01	2.34E-01	4.92E-02	4.60E-04	2.27E-03	2.20E-04	1.20E-03	3.00E-05	1.40E-04	2.97E-02	1.66E-02	1.91E-03	
49.15	527.20	8.70E-01	2.79E+00	5.23E-01	1.67E+00	5.17E-02	1.66E-01	4.12E+00	5.45E-01	1.49E+00	3.27E-01	1.50E-01	3.14E-02	2.90E-04	1.51E-03	1.70E-04	9.00E-04	2.00E-05	9.00E-05	2.08E-02	1.25E-02	1.22E-03	
144.22	648.15	7.82E-01	2.50E+00	4.59E-01	1.47E+00	4.22E-02	1.35E-01	3.12E+00	4.95E-01	1.32E+00	2.90E-01	1.22E-01	2.57E-02	2.60E-04	1.37E-03	1.50E-04	8.00E-04	1.00E-05	7.00E-05	1.89E-02	1.10E-02	9.90E-04	
394.15	623.31	7.83E-01	2.51E+00	4.34E-01	1.39E+00	3.88E-02	1.24E-01	4.15E+00	5.00E-01	1.27E+00	2.80E-01	1.11E-01	2.36E-02	2.90E-04	1.42E-03	1.40E-04	7.70E-04	1.00E-05	7.00E-05	1.91E-02	1.06E-02	9.10E-04	
501.62	717.12	7.19E-01	2.30E+00	3.89E-01	1.25E+00	3.24E-02	1.04E-01	3.75E+00	4.61E-01	1.16E+00	2.55E-01	9.28E-02	1.97E-02	2.60E-04	1.29E-03	1.30E-04	7.00E-04	1.00E-05	6.00E-05	1.76E-02	9.66E-03	7.60E-04	
618.47	665.12	7.17E-01	2.29E+00	4.20E-01	1.34E+00	3.10E-02	9.92E-02	3.14E+00	4.76E-01	1.25E+00	2.75E-01	8.80E-02	1.88E-02	2.40E-04	1.31E-03	1.40E-04	7.60E-04	1.00E-05	5.00E-05	1.81E-02	1.04E-02	7.20E-04	
755.45	579.13	7.53E-01	2.41E+00	4.28E-01	1.37E+00	2.89E-02	9.24E-02	2.41E+00	5.31E-01	1.25E+00	2.76E-01	8.12E-02	1.75E-02	2.70E-04	1.45E-03	1.40E-04	7.60E-04	1.00E-05	5.00E-05	2.00E-02	1.05E-02	6.70E-04	
867.79	485.41	7.88E-01	2.52E+00	4.00E-01	1.28E+00	2.66E-02	8.52E-02	2.43E+00	5.34E-01	1.15E+00	2.53E-01	7.44E-02	1.60E-02	2.70E-04	1.47E-03	1.30E-04	7.00E-04	1.00E-05	4.00E-05	2.03E-02	9.64E-03	6.20E-04	
955.03	377.60	8.07E-01	2.58E+00	3.46E-01	1.11E+00	2.47E-02	7.89E-02	2.61E+00	5.75E-01	1.02E+00	2.25E-01	6.85E-02	1.47E-02	2.90E-04	1.55E-03	1.20E-04	6.20E-04	1.00E-05	4.00E-05	2.14E-02	8.51E-03	5.70E-04	
1331.68	-165.58	9.49E-01	3.03E+00	2.73E-01	8.75E-01	1.73E-02	5.54E-02	3.59E+00	7.81E-01	9.13E-01	2.01E-01	4.42E-02	9.30E-03	3.80E-04	2.06E-03	1.00E-04	5.40E-04	0.00E+00	3.00E-05	2.84E-02	7.51E-03	3.60E-04	
1406.74	-290.13	1.08E+00	3.47E+00	2.94E-01	9.40E-01	1.89E-02	6.05E-02	4.77E+00	7.55E-01	1.03E+00	2.27E-01	4.58E-02	9.64E-03	4.50E-04	2.30E-03	1.10E-04	6.10E-04	1.00E-05	3.00E-05	3.06E-02	8.37E-03	3.80E-04	
1456.20	-436.06	1.24E+00	4.00E+00	2.83E-01	9.04E-01	2.36E-02	7.56E-02	6.51E+00	1.02E+00	8.38E-01	1.85E-01	5.54E-02	1.18E-02	5.80E-04	3.02E-03	9.00E-05	5.10E-04	1.00E-05	3.00E-05	4.07E-02	6.98E-03	4.70E-04	
1209.21	-528.32	1.45E+00	4.66E+00	4.69E-01	1.50E+00	4.54E-02	1.45E-01	7.13E+00	1.11E+00	1.51E+00	3.28E-01	1.16E-01	2.50E-02	6.10E-04	3.18E-03	1.70E-04	9.00E-04	1.00E-05	7.00E-05	4.32E-02	1.24E-02	9.80E-04	
913.01	-694.67	1.36E+00	4.36E+00	7.37E-01	2.36E+00	1.18E-01	3.78E-01	4.64E+00	1.02E+00	2.44E+00	5.33E-01	3.45E-01	7.51E-02	5.10E-04	2.75E-03	2.70E-04	1.44E-03	4.00E-05	2.10E-04	3.80E-02	1.99E-02	2.86E-03	
717.24	-664.22	1.55E+00	4.95E+00	8.63E-01	2.76E+00	2.22E-01	7.10E-01	4.76E+00	1.05E+00	2.61E+00	5.75E-01	6.36E-01	1.39E-01	5.40E-04	2.87E-03	2.90E-04	1.58E-03	7.00E-05	3.90E-04	3.97E-02	2.18E-02	5.31E-03	
544.23	-594.35	1.82E+00	5.81E+00	1.07E+00	3.41E+00	3.32E-01	1.06E+00	5.62E+00	1.24E+00	3.15E+00	6.93E-01	9.53E-01	2.08E-01	6.30E-04	3.39E-03	3.60E-04	1.90E-03	1.10E-04	5.80E-04	4.68E-02	2.63E-02	7.96E-03	
338.12	-539.73	2.34E+00	7.48E+00	1.46E+00	4.67E+00	4.67E-01	1.49E+00	7.00E+00	1.54E+00	4.35E+00	9.57E-01	1.33E+00	2.90E-01	7.90E-04	4.24E-03	4.90E-04	2.64E-03	1.50E-04	8.10E-04	5.85E-02	3.63E-02	1.11E-02	
123.44	-529.45	2.46E+00	7.95E+00	2.02E+00	6.46E+00	6.30E-01	2.02E+00	8.11E+00	1.49E+00	5.67E+00	1.25E+00	1.80E+00	3.92E-01	8.60E-04	4.43E-03	6.50E-04	3.46E-03	2.00E-04	1.09E-03	5.92E-02	4.77E-02	1.50E-02	
-353.26	-515.05	2.80E+00	9.24E+00	2.01E+00	6.47E+00	5.87E-01	1.88E+00	1.05E+01	1.44E+00	5.91E+00	1.18E+00	1.70E+00	3.61E-01	1.14E-03	5.72E-03	6.70E-04	3.52E-03	1.90E-04	1.01E-03	7.47E-02	4.80E-02	1.39E-02	
-537.68	-487.80	2.91E+00	9.54E+00	2.06E+00	6.67E+00	5.74E-01	1.84E+00	1.42E+01	1.57E+00	6.61E+00	1.17E+00	1.74E+00	3.55E-01	1.15E-03	5.73E-03	7.30E-04	3.78E-03	1.90E-04	9.90E-04	7.49E-02	5.07E-02	1.36E-02	
-775.51	-486.07	3.41E+00	1.06E+01	1.93E+00	6.20E+00	4.82E-01	1.53E+00	3.63E+01	2.89E+00	1.25E+01	1.41E+00	1.60E+00	3.03E-01	1.35E-03	6.71E-03	6.60E-04	3.41E-03	1.60E-04	8.30E-04	9.10E-02	4.71E-02	1.14E-02	
-1414.44	-481.50	1.86E+00	5.85E+00	7.69E-01	2.46E+00	3.36E-02	1.08E-01	1.25E+01	1.58E+00	3.10E+00	4.84E-01	1.01E-01	1.97E-02	7.60E-04	3.94E-03	2.60E-04	1.37E-03	1.00E-05	6.00E-05	5.42E-02	1.87E-02	7.70E-04	
-1515.21	-320.18	1.98E+00	6.27E+00	7.12E-01	2.26E+00	3.11E-02	9.96E-02	1.35E+01	1.66E+00	3.13E+00	5.25E-01	9.49E-02	1.90E-02	8.50E-04	4.39E-03	2.60E-04	1.38E-03	1.00E-05	5.00E-05	5.98E-02	1.90E-02	7.40E-04	
-1749.69	-63.90	1.18E+00	3.77E+00	6.07E-01	1.94E+00	2.15E-02	6.89E-02	7.48E+00	9.27E-01	2.57E+00	4.71E-01	6.72E-02	1.36E-02	5.10E-04	2.62E-03	2.40E-04	1.29E-03	1.00E-05	4.00E-05	3.54E-02	1.77E-02	5.20E-04	
-920.57	426.17	1.50E+00	4.99E+00	4.49E-01	1.45E+00	2.64E-02	8.48E-02	9.55E+00	7.89E-01	1.56E+00	2.80E-01	7.71E-02	1.47E-02	5.90E-04	2.94E-03	1.60E-04	8.30E-04	1.00E-05	4.00E-05	3.82E-02	1.12E-02	5.90E-04	
-420.73	233.87	1.63E+00	5.39E+00	7.87E-01	2.52E+00	8.45E-02	2.72E-01	6.91E+00	8.38E-01	2.23E+00	4.87E-01	2.54E-01	4.89E-02	6.80E-04	3.32E-03	2.50E-04	1.35E-03	3.00E-05	1.50E-04	4.27E-02	1.86E-02	1.98E-03	
1090.12	214.10	8.82E-01	2.85E+00	3.36E-01	1.08E+00	2.06E-02	6.60E-02	4.55E+00	6.48E-01	1.09E+00	2.40E-01	5.69E-02	1.21E-02	3.70E-04	1.88E-03	1.20E-04	6.60E-04	1.00E-05	3.00E-05	2.49E-02	9.04E-03	4.70E-04	
1183.39	65.17	1.11E+00	3.58E+00	2.97E-01	9.51E-01	1.82E-02	5.81E-02	5.72E+00	8.55E-01	8.96E-01	1.97E-01	4.93E-02	1.04E-02	4.80E-04	2.47E-03	1.00E-04	5.40E-04	1.00E-05	3.00E-05	3.34E-02	7.49E-03	4.00E-04	
1055.30	-577.42	1.48E+00	4.73E+00	6.42E-01	2.05E+00	7.04E-02	2.25E-01	6.76E+00	1.06E+00	2.10E+00	4.57E-01	1.93E-01	4.18E-02	5.60E-04	2.94E-03	2.30E-04	1.26E-03	2.00E-05	1.20E-04	4.02E-02	1.73E-02	1.61E-03	
-103.02	-518.78	2.65E+00	8.62E+00	2.12E+00	6.78E+00	6.59E-01	2.11E+00	9.10E+00	1.47E+00	5.87E+00	1.29E+00	1.88E+00	4.08E-01	1.00E-03	5.12E-03	6.70E-04	3.59E-03	2.10E-04	1.14E-03	6.81E-02	4.94E-02	1.57E-02	
-1076.39	-488.67	2.85E+00	8.91E+00	1.54E+00	4.88E+00	1.45E-01	4.64E-01	2.47E+01	2.30E+00	6.53E+00	1.02E+00	4.23E-01	8.46E-02	1.19E-03	5.92E-03	5.30E-04	2.79E-03	4.00E-05	2.40E-04	7.96E-02	3.82E-02	3.27E-03	
-4113.79	-1330.97	2.91E-01	9.36E-01	8.44E-02	2.70E-01	3.17E-03	1.02E-02	1.96E+00	2.46E-01	3.50E-01	6.35E-02	9.51E-03	1.88E-03	1.50E-04	7.50E-04	3.00E-05	1.70E-04	0.00E+00	1.00E-05	9.96E-03	2.36E-03	7.00E-05	
-5050.04	-958.41	2.40E-01	7.74E-01	6.71E-02	2.15E-01	2.48E-03	7.94E-03	1.46E+00	1.77E-01	2.51E-01	5.04E-02	7.27E-03	1.49E-03	1.20E-04	5.90E-04	3.00E-05	1.40E-04	0.00E+00	0.00E+00	7.76E-03	1.87E-03	6.00E-05	
-4023.97	-112.26	3.41E-01	1.10E+00	1.29E-01	4.15E-01	4.33E-03	1.39E-02	1.94E+00	2.69E-01	5.58E-01	8.72E-02	1.25E-02	2.60E-03	1.50E-04	7.60E-04	5.00E-05	2.50E-04	0.00E+00	1.00E-05	1.02E-02	3.42E-03	1.00E-04	
-2122.34	995.23	7.76E-01	2.53E+00	1.87E-01	5.99E-01	4.81E-03	1.54E-02	4.13E+00	4.99E-01	6.79E-01	1.31E-01	1.29E-02	2.60E-03	3.50E-04	1.78E-03	7.00E-05	3.80E-04	0.00E+00	1.00E-05	2.35E-02	5.05E-03	1.00E-04	
-2734.69	227.40	6.17E-01	1.97E+00	2.88E-01	9.23E-01	8.57E-03	2.74E-02	3.86E+00	5.02E-01	1.23E+00	2.27E-01	2.66E-02	5.42E-03	3.00E-04	1.55E-03	1.20E-04	6.40E-04	0.00E+00	2.00E-05	2.07E-02	8.72E-03	2.10E-04	
-2371.11	-69.21	6.88E-01	2.24E+00	3.44E-01	1.10E+00	1.18E-02	3.77E-02	4.29E+00	5.59E-01	1.41E+00	2.62E-01	3.52E-02	7.26E-03	3.20E-04	1.64E-03	1.30E-04	7.00E-04	0.00E+00	2.00E-05	2.20E-02	9.70E-03	2.80E-04	
-2146.26	177.17	1.03E+00	3.30E+00	4.37E-01	1.40E+00	1.28E-02	4.11E-02	6.28E+00	7.80E-01	1.81E+00	3.35E-01	4.00E-02	8.13E-03	4.60E-04	2.34E-03	1.80E-04	9.50E-04	0.00E+00	2.00E-05	3.14E-02	1.29E-02	3.10E-04	
-1919.02	445.07	9.41E-01	3.01E+00	3.44E-01	1.11E+00	1.06E-02	3.40E-02	5.93E+00	6.31E-01	1.15E+00	2.01E-01	3.04E-02	6.23E-03	3.90E-04	1.94E-03	1.20E-04	6.00E-04	0.00E+00	2.00E-05	2.54E-02	8.18E-03	2.40E-04	
-1651.12	607.72	1.21E+00	3.98E+00	2.91E-01	9.32E-01	9.09E-03	2.91E-02	6.03E+00	7.17E-01	1.13E+00	1.90E-01	2.50E-02	4.97E-03	5.60E-04	2.81E-03	1.20E-04	6.00E-04	0.00E+00	1.00E-05	3.67E-02	8.05E-03	2.00E-04	
-3361.39	677.09	5.29E-01	1.71E+00	2.04E-01	6.55E-01	5.13E-03	1.64E-02	3.27E+00	4.33E-01	7.60E-01	1.43E-01	1.60E-02	3.27E-03	2.70E-04	1.39E-03	8.00E-05	4.20E-04	0.00E+00	1.00E-05	1.84E-02	5.68E-03	1.30E-04	
-3026.51	724.93	5.51E-01	1.79E+00	2.11E-01	6.79E-01	5.48E-03	1.76E-02	2.75E+00	3.83E-01	8.05E-01	1.32E-01	1.65E-02	3.39E-03	2.60E-04	1.33E-03	7.00E-05	3.90E-04	0.00E+00	1.00E-05	1.76E-02	5.33E-03	1.30E-04	
-1679.82	1478.41	6.41E-01	2.09E+00	1.43E-01	4.64E-01	4.19E-03	1.34E-02	2.73E+00	3.63E-01	5.33E-01	8.44E-02	1.17E-02	2.34E-03	2.70E-04	1.38E-03	6.00E-05	2.90E-04	0.00E+00	1.00E-05	1.81E-02	3.83E-03	9.00E-05	
-922.86	446.42	1.44E+00	4.78E+00	4.36E-01	1.39E+00	2.53E-02	8.13E-02	9.23E+00	7.65E-01	1.51E+00	2.73E-01	7.37E-02	1.41E-02	5.60E-04	2.79E-03	1.50E-04	7.90E-04	1.00E-05	4.00E-05	3.63E-02	1.07E-02	5.70E-04	
-1799.42	1088.51	7.59E-01	2.47E+00	1.82E-01	5.81E-01	4.92E-03	1.58E-02	4.21E+00	4.68E-01	6.90E-01	1.18E-01	1.42E-02	2.71E-03	3.60E-04	1.78E-03	6.00E-05	3.30E-04	0.00E+00	1.00E-05	2.32E-02	4.48E-03	1.10E-04	
-359.36	1846.44	3.75E-01	1.20E+00	2.03E-01	6.50E-01	1.09E-02	3.49E-02	2.08E+00	2.48E-01	6.92E-01	1.31E-01	3.21E-02	6.60E-03	1.30E-04	6.80E-04	7.00E-05	3.60E-04	0.00E+00	2.00E-05	9.38E-03	4.99E-03	2.60E-04	
671.30	-742.78	1.26E+00	4.03E+00	7.09E-01	2.27E+00	1.78E-01	5.70E-01	4.36E+00	8.66E-01	2.14E+00	4.72E-01	5.10E-01	1.11E-01	4.60E-04	2.41E-03	2.40E-04	1.30E-03	6.00E-05	3.10E-04	3.27E-02	1.79E-02	4.24E-03	
-1565.55	-932.22	1.02E+00	3.25E+00	4.12E-01	1.32E+00	2.12E-02	6.78E-02	7.31E+00	7.35E-01	1.73E+00	2.71E-01	5.94E-02	1.17E-02	4.40E-04	2.18E-03	1.50E-04	7.90E-04	1.00E-05	3.00E-05	2.90E-02	1.07E-02	4.60E-04	
-1733.02	-528.24	1.32E+00	4.19E+00	4.56E-01	1.46E+00	1.95E-02	6.25E-02	8.86E+00	1.12E+00	1.79E+00	3.25E-01	5.88E-02	1.16E-02	5.80E-04	2.96E-03	1.60E-04	8.70E-04	1.00E-05	3.00E-05	4.04E-02	1.20E-02	4.50E-04	
-1261.46	-507.67	2.14E+00	6.71E+00	1.04E+00	3.32E+00	4.85E-02	1.55E-01	1.59E+01	1.76E+00	3.92E+00	6.55E-01	1.42E-01	2.73E-02	8.70E-04	4.45E-03	3.60E-04	1.90E-03	1.00E-05	8.00E-05	6.08E-02	2.59E-02	1.07E-03	
-883.92	-503.26	3.31E+00	9.93E+00	1.88E+00	5.87E+00	3.45E-01	1.10E+00	4.07E+01	3.14E+00	1.17E+01	1.36E+00	1.14E+00	2.15E-01	1.39E-03	6.85E-03	6.70E-04	3.45E-03	1.10E-04	5.90E-04	9.40E-02	4.74E-02	8.11E-03	
1599.35	-1104.97	6.18E-01	1.98E+00	3.16E-01	1.01E+00	3.89E-02	1.25E-01	2.27E+00	5.00E-01	1.12E+00	2.47E-01	1.18E-01	2.53E-02	2.50E-04	1.34E-03	1.20E-04	6.60E-04	1.00E-05	7.00E-05	1.85E-02	9.16E-03	9.70E-04	
1608.16	-1382.63	5.08E-01	1.62E+00	2.53E-01	8.10E-01	3.46E-02	1.11E-01	2.46E+00	3.83E-01	8.47E-01	1.86E-01	1.01E-01	2.14E-02	2.30E-04	1.18E-03	9.00E-05	5.10E-04	1.00E-05	6.00E-05	1.58E-02	6.97E-03	8.20E-04	
3517.15	-1425.27	2.66E-01	8.51E-01	1.40E-01	4.49E-01	9.83E-03	3.15E-02	1.15E+00	2.52E-01	5.94E-01	1.27E-01	2.74E-02	5.79E-03	1.20E-04	6.50E-04	6.00E-05	3.30E-04	0.00E+00	2.00E-05	9.02E-03	4.59E-03	2.30E-04	
2959.77	-846.37	4.82E-01	1.55E+00	1.23E-01	3.94E-01	8.69E-03	2.78E-02	2.65E+00	3.92E-01	3.95E-01	8.70E-02	2.11E-02	4.40E-03	2.20E-04	1.12E-03	4.00E-05	2.30E-04	0.00E+00	1.00E-05	1.52E-02	3.22E-03	1.70E-04	
3479.67	224.81	3.29E-01	1.05E+00	6.24E-02	2.00E-01	3.06E-03	9.80E-03	1.62E+00	2.63E-01	2.11E-01	4.65E-02	8.69E-03	1.76E-03	1.40E-04	7.40E-04	2.00E-05	1.20E-04	0.00E+00	1.00E-05	1.01E-02	1.71E-03	7.00E-05	
44.43	1469.76	5.28E-01	1.71E+00	2.46E-01	7.88E-01	1.68E-02	5.37E-02	3.38E+00	3.36E-01	7.26E-01	1.60E-01	4.85E-02	1.02E-02	2.40E-04	1.20E-03	8.00E-05	4.40E-04	1.00E-05	3.00E-05	1.57E-02	6.07E-03	3.90E-04	
3044.83	-34.00	3.25E-01	1.04E+00	8.85E-02	2.83E-01	4.07E-03	1.31E-02	1.37E+00	3.01E-01	2.80E-01	6.17E-02	1.13E-02	2.31E-03	1.50E-04	7.80E-04	3.00E-05	1.70E-04	0.00E+00	1.00E-05	1.08E-02	2.35E-03	9.00E-05	
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-02	2.28E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-01	4.47E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.20E-04	0.00E+00	0.00E+00	1.71E-03	
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-02	5.27E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-02	8.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	3.30E-04	
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-02	1.12E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-01	2.22E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	6.00E-05	0.00E+00	0.00E+00	8.50E-04	
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	3.99E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-02	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	2.80E-04	
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-02	5.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-02	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	3.00E-05	0.00E+00	0.00E+00	4.10E-04	
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-01	7.53E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-01	1.43E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	4.00E-04	0.00E+00	0.00E+00	5.49E-03	
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-01	7.58E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-01	1.45E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	4.00E-04	0.00E+00	0.00E+00	5.55E-03	
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-02	9.54E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-02	1.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	5.00E-05	0.00E+00	0.00E+00	7.50E-04	
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-02	7.36E-02	0.00E+00	0.

Phase: 1B
Source Group: Diesel Exhaust

		Averaging Period: 1HR_1ST						Averaging Period: 8HR_1ST						Averaging Period: AN					
		PM10			VOC			PM10			VOC			PM10			VOC		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	5.20E-01	4.54E-01	4.13E-01	1.69E+00	1.61E+00	1.39E+00	9.81E-02	8.55E-02	7.78E-02	3.18E-01	3.04E-01	2.62E-01	1.03E-03	8.90E-04	8.10E-04	3.33E-03	3.18E-03	2.77E-03
-1778.03	-291.29	4.97E-01	4.34E-01	3.95E-01	1.60E+00	1.53E+00	1.39E+00	8.82E-02	7.67E-02	6.98E-02	2.91E-01	2.78E-01	2.48E-01	8.90E-04	7.80E-04	7.10E-04	2.89E-03	2.77E-03	2.40E-03
-1732.28	175.05	5.68E-01	4.92E-01	4.48E-01	1.90E+00	1.82E+00	1.66E+00	1.03E-01	8.92E-02	8.12E-02	3.39E-01	3.24E-01	2.90E-01	8.20E-04	7.20E-04	6.50E-04	2.73E-03	2.61E-03	2.35E-03
-1579.43	347.93	6.21E-01	5.40E-01	4.92E-01	2.05E+00	1.96E+00	1.75E+00	8.88E-02	7.67E-02	6.98E-02	3.06E-01	2.93E-01	2.82E-01	7.40E-04	6.40E-04	5.80E-04	2.46E-03	2.35E-03	2.12E-03
-1525.43	516.64	5.61E-01	4.85E-01	4.42E-01	1.92E+00	1.84E+00	1.74E+00	7.02E-02	6.07E-02	5.52E-02	2.40E-01	2.30E-01	2.17E-01	5.70E-04	5.00E-04	4.50E-04	1.88E-03	1.80E-03	1.59E-03
-1332.88	500.04	6.75E-01	5.86E-01	5.33E-01	2.25E+00	2.15E+00	1.99E+00	8.44E-02	7.32E-02	6.67E-02	2.81E-01	2.69E-01	2.50E-01	7.70E-04	6.70E-04	6.10E-04	2.54E-03	2.43E-03	2.17E-03
-1140.45	476.30	8.45E-01	7.32E-01	6.66E-01	2.87E+00	2.75E+00	2.57E+00	1.20E-01	1.04E-01	9.49E-02	4.09E-01	3.92E-01	3.68E-01	1.09E-03	9.50E-04	8.60E-04	3.64E-03	3.48E-03	3.16E-03
-672.12	353.55	9.39E-01	8.17E-01	7.44E-01	3.06E+00	2.93E+00	2.56E+00	2.17E-01	1.88E-01	1.71E-01	7.21E-01	6.90E-01	6.25E-01	5.51E-03	4.78E-03	4.35E-03	1.86E-02	1.78E-02	1.65E-02
-169.37	170.38	6.46E-01	5.62E-01	5.12E-01	2.12E+00	2.03E+00	1.80E+00	8.69E-02	7.54E-02	6.86E-02	2.90E-01	2.77E-01	2.52E-01	3.31E-03	2.87E-03	2.61E-03	1.12E-02	1.07E-02	9.88E-03
-75.04	299.11	5.49E-01	4.77E-01	4.34E-01	1.81E+00	1.73E+00	1.54E+00	7.05E-02	6.13E-02	5.58E-02	2.32E-01	2.22E-01	1.98E-01	2.16E-03	1.87E-03	1.71E-03	7.23E-03	6.92E-03	6.34E-03
49.15	527.20	3.94E-01	3.42E-01	3.12E-01	1.31E+00	1.25E+00	1.13E+00	5.12E-02	4.45E-02	4.05E-02	1.70E-01	1.63E-01	1.47E-01	1.34E-03	1.16E-03	1.06E-03	4.47E-03	4.28E-03	3.89E-03
144.22	648.15	3.19E-01	2.77E-01	2.52E-01	1.06E+00	1.01E+00	9.15E-01	4.15E-02	3.60E-02	3.28E-02	1.38E-01	1.32E-01	1.19E-01	1.03E-03	9.00E-04	8.20E-04	3.44E-03	3.29E-03	2.98E-03
394.15	623.31	2.75E-01	2.39E-01	2.18E-01	9.01E-01	8.62E-01	7.62E-01	3.45E-02	3.00E-02	2.73E-02	1.13E-01	1.08E-01	9.56E-02	6.90E-04	6.00E-04	5.50E-04	2.29E-03	2.19E-03	1.97E-03
501.62	717.12	2.46E-01	2.14E-01	1.95E-01	8.06E-01	7.71E-01	6.83E-01	3.08E-02	2.68E-02	2.44E-02	1.01E-01	9.67E-02	8.56E-02	5.80E-04	5.10E-04	4.60E-04	1.93E-03	1.85E-03	1.65E-03
618.47	665.12	1.88E-01	1.64E-01	1.49E-01	6.13E-01	5.86E-01	5.12E-01	2.35E-02	2.05E-02	1.87E-02	7.67E-02	7.33E-02	6.41E-02	4.80E-04	4.20E-04	3.80E-04	1.60E-03	1.53E-03	1.36E-03
755.45	579.13	1.20E-01	1.04E-01	9.46E-02	4.08E-01	3.91E-01	3.67E-01	1.50E-02	1.30E-02	1.18E-02	5.10E-02	4.89E-02	4.59E-02	3.90E-04	3.40E-04	3.10E-04	1.29E-03	1.24E-03	1.11E-03
867.79	485.41	1.83E-01	1.59E-01	1.45E-01	6.19E-01	5.93E-01	5.51E-01	2.29E-02	1.99E-02	1.81E-02	7.74E-02	7.41E-02	6.88E-02	3.50E-04	3.10E-04	2.80E-04	1.16E-03	1.11E-03	1.00E-03
955.03	377.60	2.41E-01	2.09E-01	1.90E-01	8.07E-01	7.73E-01	7.09E-01	3.01E-02	2.61E-02	2.38E-02	1.01E-01	9.66E-02	8.86E-02	3.50E-04	3.00E-04	2.70E-04	1.15E-03	1.10E-03	9.90E-04
1331.68	-165.58	2.16E-01	1.87E-01	1.71E-01	7.30E-01	6.98E-01	6.48E-01	2.70E-02	2.34E-02	2.13E-02	9.12E-02	8.73E-02	8.10E-02	3.70E-04	3.20E-04	2.90E-04	1.23E-03	1.18E-03	1.06E-03
1406.74	-290.13	2.44E-01	2.12E-01	1.93E-01	8.16E-01	7.81E-01	7.13E-01	3.05E-02	2.65E-02	2.41E-02	1.02E-01	9.77E-02	8.92E-02	3.80E-04	3.30E-04	3.00E-04	1.26E-03	1.21E-03	1.09E-03
1456.20	-436.06	2.44E-01	2.12E-01	1.93E-01	8.04E-01	7.69E-01	6.86E-01	3.05E-02	2.65E-02	2.41E-02	1.00E-01	9.61E-02	8.58E-02	4.10E-04	3.50E-04	3.20E-04	1.35E-03	1.29E-03	1.17E-03
1209.21	-528.32	2.49E-01	2.17E-01	1.97E-01	8.08E-01	7.72E-01	6.70E-01	3.11E-02	2.71E-02	2.47E-02	1.01E-01	9.65E-02	8.38E-02	5.60E-04	4.90E-04	4.40E-04	1.87E-03	1.79E-03	1.62E-03
913.01	-694.67	1.55E-01	1.36E-01	1.23E-01	4.77E-01	4.56E-01	3.74E-01	1.93E-02	1.70E-02	1.54E-02	5.97E-02	5.70E-02	4.68E-02	9.70E-04	8.50E-04	7.70E-04	3.25E-03	3.11E-03	2.84E-03
717.24	-664.22	1.65E-01	1.44E-01	1.31E-01	5.62E-01	5.38E-01	5.06E-01	2.06E-02	1.80E-02	1.64E-02	7.02E-02	6.72E-02	6.32E-02	1.28E-03	1.11E-03	1.01E-03	4.28E-03	4.10E-03	3.75E-03
544.23	-594.35	2.15E-01	1.89E-01	1.72E-01	6.84E-01	6.55E-01	6.19E-01	2.69E-02	2.36E-02	2.15E-02	8.56E-02	8.19E-02	7.74E-02	1.63E-03	1.42E-03	1.29E-03	5.49E-03	5.25E-03	4.83E-03
338.12	-539.73	2.78E-01	2.40E-01	2.19E-01	9.49E-01	9.09E-01	8.60E-01	3.48E-02	3.01E-02	2.74E-02	1.19E-01	1.14E-01	1.07E-01	2.38E-03	2.06E-03	1.88E-03	8.00E-03	7.66E-03	7.09E-03
123.44	-529.45	4.25E-01	3.67E-01	3.35E-01	1.44E+00	1.38E+00	1.30E+00	5.31E-02	4.59E-02	4.18E-02	1.80E-01	1.73E-01	1.62E-01	3.82E-03	3.31E-03	3.02E-03	1.29E-02	1.23E-02	1.14E-02
-353.26	-515.05	9.77E-01	8.43E-01	7.68E-01	3.39E+00	3.25E+00	3.15E+00	2.14E-01	1.85E-01	1.69E-01	7.34E-01	7.03E-01	6.68E-01	9.93E-03	8.65E-03	7.88E-03	3.21E-02	3.07E-02	2.64E-02
-537.68	-487.80	1.18E+00	1.02E+00	9.30E-01	3.97E+00	3.80E+00	3.66E+00	3.40E-01	2.93E-01	2.67E-01	1.17E+00	1.12E+00	1.07E+00	1.58E-02	1.39E-02	1.26E-02	4.88E-02	4.66E-02	3.68E-02
-775.51	-486.07	1.68E+00	1.49E+00	1.35E+00	4.85E+00	4.62E+00	3.57E+00	4.38E-01	3.91E-01	3.56E-01	1.19E+00	1.13E+00	7.72E-01	2.04E-02	1.81E-02	1.65E-02	5.62E-02	5.35E-02	3.14E-02
-1414.44	-481.50	6.85E-01	5.98E-01	5.44E-01	2.20E+00	2.10E+00	1.79E+00	1.24E-01	1.09E-01	9.88E-02	3.99E-01	3.81E-01	3.24E-01	1.83E-03	1.60E-03	1.46E-03	5.85E-03	5.59E-03	4.71E-03
-1515.21	-320.18	6.85E-01	5.97E-01	5.43E-01	2.24E+00	2.14E+00	1.87E+00	1.34E-01	1.17E-01	1.07E-01	4.37E-01	4.18E-01	3.65E-01	1.50E-03	1.31E-03	1.19E-03	4.85E-03	4.64E-03	4.00E-03
-1749.69	-63.90	5.02E-01	4.35E-01	3.96E-01	1.70E+00	1.63E+00	1.53E+00	9.75E-02	8.47E-02	7.71E-02	3.23E-01	3.09E-01	2.79E-01	8.90E-04	7.70E-04	7.00E-04	2.88E-03	2.75E-03	2.38E-03
-920.57	426.17	7.80E-01	6.79E-01	6.18E-01	2.54E+00	2.43E+00	2.14E+00	9.75E-02	8.49E-02	7.73E-02	3.21E-01	3.08E-01	3.00E-01	2.17E-03	1.88E-03	1.71E-03	7.23E-03	6.92E-03	6.30E-03
-420.73	233.87	8.94E-01	7.75E-01	7.05E-01	3.02E+00	2.89E+00	2.69E+00	1.26E-01	1.09E-01	9.95E-02	4.27E-01	4.09E-01	3.81E-01	7.36E-03	6.37E-03	5.80E-03	2.50E-02	2.39E-02	2.25E-02
1090.12	214.10	2.64E-01	2.30E-01	2.09E-01	8.74E-01	8.36E-01	7.50E-01	3.31E-02	2.87E-02	2.62E-02	1.09E-01	1.05E-01	9.37E-02	3.50E-04	3.10E-04	2.80E-04	1.18E-03	1.12E-03	1.01E-03
1183.39	65.17	2.23E-01	1.94E-01	1.77E-01	7.25E-01	6.94E-01	6.06E-01	2.78E-02	2.42E-02	2.21E-02	9.07E-02	8.67E-02	7.58E-02	3.60E-04	3.20E-04	2.90E-04	1.20E-03	1.15E-03	1.03E-03
1055.30	-577.42	2.34E-01	2.04E-01	1.86E-01	7.49E-01	7.16E-01	6.06E-01	2.92E-02	2.55E-02	2.32E-02	9.36E-02	8.95E-02	7.58E-02	7.10E-04	6.20E-04	5.60E-04	2.37E-03	2.27E-03	2.07E-03
-103.02	-518.78	5.96E-01	5.16E-01	4.70E-01	2.05E+00	1.96E+00	1.89E+00	8.62E-02	7.43E-02	6.77E-02	2.99E-01	2.86E-01	2.77E-01	6.28E-03	5.45E-03	4.96E-03	2.10E-02	2.01E-02	1.83E-02
-1076.39	-488.67	1.26E+00	1.11E+00	1.01E+00	3.83E+00	3.66E+00	2.80E+00	2.16E-01	1.91E-01	1.73E-01	6.51E-01	6.21E-01	4.61E-01	5.41E-03	4.75E-03	4.32E-03	1.66E-02	1.59E-02	1.24E-02
-4113.79	-1330.97	9.61E-02	8.37E-02	7.62E-02	3.14E-01	3.00E-01	2.63E-01	1.36E-02	1.18E-02	1.08E-02	4.43E-02	4.24E-02	3.70E-02	1.50E-04	1.30E-04	1.20E-04	4.90E-04	4.70E-04	4.10E-04
-5050.04	-958.41	7.82E-02	6.81E-02	6.20E-02	2.56E-01	2.45E-01	2.17E-01	9.78E-03	8.51E-03	7.75E-03	3.21E-02	3.07E-02	2.71E-02	1.00E-04	9.00E-05	8.00E-05	3.20E-04	3.10E-04	2.70E-04
-4023.97	-112.26	1.17E-01	1.02E-01	9.26E-02	3.87E-01	3.71E-01	3.32E-01	1.95E-02	1.70E-02	1.55E-02	6.30E-02	6.02E-02	5.18E-02	1.30E-04	1.10E-04	1.00E-04	4.20E-04	4.00E-04	3.50E-04
-2122.34	995.23	2.61E-01	2.27E-01	2.07E-01	8.78E-01	8.41E-01	7.83E-01	3.26E-02	2.84E-02	2.59E-02	1.10E-01	1.05E-01	9.78E-02	2.10E-04	1.80E-04	1.70E-04	6.80E-04	6.50E-04	5.70E-04
-2734.69	227.40	1.95E-01	1.70E-01	1.55E-01	6.37E-01	6.09E-01	5.35E-01	3.35E-02	2.90E-02	2.64E-02	1.13E-01	1.08E-01	9.94E-02	3.10E-04	2.70E-04	2.40E-04	9.90E-04	9.50E-04	8.30E-04
-2371.11	-69.21	2.81E-01	2.44E-01	2.22E-01	9.41E-01	9.01E-01	8.25E-01	5.32E-02	4.63E-02	4.22E-02	1.74E-01	1.66E-01	1.46E-01	4.00E-04	3.50E-04	3.20E-04	1.29E-03	1.23E-03	1.08E-03
-2146.26	177.17	3.42E-01	2.98E-01	2.72E-01	1.10E+00	1.05E+00	9.05E-01	5.62E-02	4.91E-02	4.47E-02	1.79E-01	1.71E-01	1.48E-01	5.10E-04	4.50E-04	4.10E-04	1.68E-03	1.61E-03	1.42E-03
-1919.02	445.07	3.65E-01	3.19E-01	2.90E-01	1.17E+00	1.12E+00	9.81E-01	6.86E-02	5.94E-02	5.40E-02	2.34E-01	2.24E-01	2.10E-01	4.70E-04	4.10E-04	3.70E-04	1.56E-03	1.50E-03	1.36E-03
-1651.12	607.72	4.70E-01	4.07E-01	3.71E-01	1.60E+00	1.53E+00	1.44E+00	5.88E-02	5.09E-02	4.63E-02	2.00E-01	1.92E-01	1.80E-01	4.40E-04	3.80E-04	3.50E-04	1.44E-03	1.38E-03	1.21E-03
-3361.39	677.09	1.69E-01	1.47E-01	1.34E-01	5.58E-01	5.33E-01	4.75E-01	2.97E-02	2.58E-02	2.35E-02	9.66E-02	9.24E-02	8.06E-02	1.90E-04	1.70E-04	1.50E-04	6.40E-04	6.10E-04	5.40E-04
-3026.51	724.93	1.81E-01	1.57E-01	1.43E-01	6.06E-01	5.80E-01	5.30E-01	3.58E-02	3.11E-02	2.83E-02	1.18E-01	1.13E-01	1.02E-01	2.10E-04	1.80E-04	1.70E-04	6.90E-04	6.60E-04	5.90E-04
-1679.82	1478.41	2.32E-01	2.01E-01	1.83E-01	7.82E-01	7.49E-01	6.94E-01	3.31E-02	2.86E-02	2.61E-02	1.12E-01	1.07E-01	9.92E-02	2.20E-04	1.90E-04	1.80E-04	7.40E-04	7.10E-04	6.40E-04
-922.86	446.42	7.53E-01	6.56E-01	5.97E-01	2.46E+00	2.35E+00	2.06E+00	9.42E-02	8.20E-02	7.47E-02	3.07E-01	2.94E-01	2.76E-01	2.01E-03	1.75E-03	1.59E-03	6.71E-03	6.42E-03	5.83E-03
-1799.42	1088.51	3.15E-01	2.73E-01	2.49E-01	1.05E+00	1.00E+00	9.05E-01	4.01E-02	3.49E-02	3.18E-02	1.31E-01	1.25E-01	1.13E-01	2.90E-04	2.50E-04	2.30E-04	9.40E-04	9.00E-04	7.90E-04
-359.36	1846.44	1.74E-01	1.52E-01	1.38E-01	5.68E-01	5.44E-01	4.76E-01	2.98E-02	2.59E-02	2.36E-02	9.83E-02	9.40E-02	8.39E-02	3.80E-04	3.30E-04	3.00E-04	1.25E-03	1.19E-03	1.06E-03
671.30	-742.78	2.03E-01	1.76E-01	1.60E-01	6.86E-01	6.57E-01	6.11E-01	2.54E-02	2.20E-02	2.00E-02	8.58E-02	8.21E-02	7.64E-02	1.43E-03	1.25E-03	1.13E-03	4.79E-03	4.58E-03	4.18E-03
-1565.55	-932.22	4.23E-01	3.69E-01	3.36E-01	1.35E+00	1.29E+00	1.09E+00	5.44E-02	4.75E-02	4.33E-02	1.74E-01	1.66E-01	1.40E-01	9.80E-04	8.60E-04	7.80E-04	3.15E-03	3.02E-03	2.55E-03
-1733.02	-528.24	4.64E-01	4.04E-01	3.68E-01	1.51E+00	1.44E+00	1.26E+00	8.13E-02	7.11E-02	6.47E-02	2.58E-01	2.46E-01	2.16E-01	9.90E-04	8.60E-04	7.90E-04	3.20E-03	3.06E-03	2.64E-03
-1261.46	-507.67	8.50E-01	7.44E-01	6.77E-01	2.70E+00	2.58E+00	2.14E+00	1.42E-01	1.25E-01	1.14E-01	4.46E-01	4.26E-01	3.45E-01	2.66E-03	2.33E-03	2.12E-03	8.38E-03	8.00E-03	6.56E-03
-883.92	-503.26	1.80E+00	1.60E+00	1.46E+00	5.07E+00	4.83E+00	3.06E+00	4.19E-01	3.72E-01	3.39E-01	1.19E+00	1.13E+00	7.26E-01	1.43E-02	1.27E-02	1.16E-02	4.00E-02	3.81E-02	2.32E-02
1599.35	-1104.97	8.96E-02	7.76E-02	7.07E-02	3.01E-01	2.88E-01	2.66E-01	1.12E-02	9.71E-03	8.84E-03	3.77E-02	3.60E-02	3.32E-02	5.80E-04	5.00E-04	4.60E-04	1.92E-03	1.83E-03	1.65E-03
1608.16	-1382.63	1.11E-01	9.61E-02	8.75E-02	3.67E-01	3.51E-01	3.17E-01	1.38E-02	1.20E-02	1.09E-02	4.59E-02	4.39E-02	3.96E-02	6.00E-04	5.20E-04	4.70E-04	1.96E-03	1.88E-03	1.67E-03
3517.15	-1425.27	3.46E-02	3.03E-02	2.76E-02	1.11E-01	1.06E-01	9.52E-02	4.81E-03	4.19E-03	3.81E-03	1.57E-02	1.50E-02	1.32E-02	2.10E-04	1.80E-04	1.70E-04	6.90E-04	6.60E-04	5.90E-04
2959.77	-846.37	1.04E-01	9.10E-02	8.28E-02	3.38E-01	3.24E-01	2.80E-01	1.30E-02	1.14E-02	1.04E-02	4.23E-02	4.05E-02	3.50E-02	2.10E-04	1.80E-04	1.70E-04	6.90E-04	6.60E-04	5.90E-04
3479.67	224.81	6.43E-02	5.61E-02	5.10E-02	2.08E-01	1.99E-01	1.72E-01	8.04E-03	7.01E-03	6.38E-03	2.60E-02	2.49E-02	2.15E-02	1.30E-04	1.10E-04	1.00E-04	4.20E-04	4.10E-04	3.60E-04
44.43	1469.76	2.50E-01	2.17E-01	1.98E-01	8.24E-01	7.88E-01	7.02E-01	3.48E-02	3.03E-02	2.76E-02	1.15E-01	1.10E-01	9.76E-02	4.60E-04	4.00E-04	3.70E-04	1.53E-03	1.47E-03	1.32E-03
3044.83	-34.00	7.19E-02	6.24E-02	5.68E-02	2.40E-01	2.29E-01	2.08E-01	8.99E-03	7.80E-03	7.11E-03	3.00E-02	2.87E-02	2.60E-02	1.60E-04	1.30E-04	1.20E-04	5.10E-04	4.90E-04	4.30E-04
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04	7.80E-04	7.10E-04	2.97E-03	2.84E-03	2.57E-03
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	3.00E-04	2.70E-04	1.13E-03	1.08E-03	9.70E-04
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	4.30E-04	3.90E-04	1.63E-03	1.56E-03	1.41E-03
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	2.50E-04	2.30E-04	9.40E-04	9.00E-04	8.10E-04
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	2.30E-04	2.10E-04	8.80E-04	8.40E-04	7.50E-04
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-03	3.67E-03	3.34E-03	1.33E-02	1.27E-02	1.06E-02
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-03	2.61E-03	2.38E-03	9.60E-03	9.18E-03	7.78E-03
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	4.10E-04	3.70E-04	1.55E-03	1.48E-03	1.33E-03
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04	4.00E-04	3.60E-04	1.50E-03	1.44E-03	1.26E-03
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04	2.60E-04	2.30E-04	9.60E-04	9.20E-04	8.00E-04
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	3.00E-04	2.70E-04	1.11E-03	1.06E-03	9.40E-04
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	2.20E-04	2.00E-04	8.40E-04	8.00E-04	7.10E-04
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	2.70E-04	2.50E-04	1.03E-03	9.90E-04	8.90E-04
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	1.30E-04	1.20E-04	4.80E-04	4.60E-04	4.10E-04
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	2.30E-04	2.10E-04	8.70E-04	8.30E-04	7.50E-04
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	2.00E-04	1.80E-04	7.60E-04	7.30E-04	6.50E-04
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	2.20E-04	2.00E-04	8.30E-04	8.00E-04	7.20E-04
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	1.60E-04	1.40E-04	5.90E-04	5.70E-04	5.00E-04
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	1.00E-04	9.00E-05	3.60E-04	3.50E-04	3.10E-04
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	3.10E-04	2.80E-04	1.17E-03	1.12E-03	9.90E-04
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	2.10E-04	1.90E-04	8.10E-04	7.70E-04	6.90E-04

Phase: 1B
Source Group: Fugitive

		Averaging Period: 1HR_1ST						Averaging Period: 8HR_1ST						Averaging Period: AN					
		PM10			VOC			PM10			VOC			PM10			VOC		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	5.65E+00	5.65E+00	5.65E+00	3.42E-01	3.42E-01	3.42E-01	9.42E-01	9.42E-01	9.42E-01	5.70E-02	5.70E-02	5.70E-02	8.07E-03	8.07E-03	8.07E-03	4.90E-04	4.90E-04	4.90E-04
-1778.03	-291.29	5.88E+00	5.88E+00	5.88E+00	3.56E-01	3.56E-01	3.56E-01	7.91E-01	7.91E-01	7.91E-01	4.79E-02	4.79E-02	4.79E-02	6.74E-03	6.74E-03	6.74E-03	4.10E-04	4.10E-04	4.10E-04
-1732.28	175.05	4.23E+00	4.23E+00	4.23E+00	2.56E-01	2.56E-01	2.56E-01	8.69E-01	8.69E-01	8.69E-01	5.27E-02	5.27E-02	5.27E-02	5.91E-03	5.91E-03	5.91E-03	3.60E-04	3.60E-04	3.60E-04
-1579.43	347.93	5.25E+00	5.25E+00	5.25E+00	3.18E-01	3.18E-01	3.18E-01	6.57E-01	6.57E-01	6.57E-01	3.98E-02	3.98E-02	3.98E-02	4.70E-03	4.70E-03	4.70E-03	2.80E-04	2.80E-04	2.80E-04
-1525.43	516.64	4.99E+00	4.99E+00	4.99E+00	3.02E-01	3.02E-01	3.02E-01	6.24E-01	6.24E-01	6.24E-01	3.77E-02	3.77E-02	3.77E-02	4.42E-03	4.42E-03	4.42E-03	2.70E-04	2.70E-04	2.70E-04
-1332.88	500.04	5.89E+00	5.89E+00	5.89E+00	3.57E-01	3.57E-01	3.57E-01	8.31E-01	8.31E-01	8.31E-01	5.03E-02	5.03E-02	5.03E-02	6.01E-03	6.01E-03	6.01E-03	3.60E-04	3.60E-04	3.60E-04
-1140.45	476.30	5.35E+00	5.35E+00	5.35E+00	3.24E-01	3.24E-01	3.24E-01	7.48E-01	7.48E-01	7.48E-01	4.54E-02	4.54E-02	4.54E-02	7.00E-03	7.00E-03	7.00E-03	4.20E-04	4.20E-04	4.20E-04
-672.12	353.55	9.95E+00	9.95E+00	9.95E+00	6.02E-01	6.02E-01	6.02E-01	1.74E+00	1.74E+00	1.74E+00	1.06E-01	1.06E-01	1.06E-01	3.55E-02	3.55E-02	3.55E-02	2.15E-03	2.15E-03	2.15E-03
-169.37	170.38	6.51E+00	6.51E+00	6.51E+00	3.94E-01	3.94E-01	3.94E-01	8.20E-01	8.20E-01	8.20E-01	4.97E-02	4.97E-02	4.97E-02	2.11E-02	2.11E-02	2.11E-02	1.28E-03	1.28E-03	1.28E-03
-75.04	299.11	5.69E+00	5.69E+00	5.69E+00	3.44E-01	3.44E-01	3.44E-01	7.16E-01	7.16E-01	7.16E-01	4.34E-02	4.34E-02	4.34E-02	1.48E-02	1.48E-02	1.48E-02	9.00E-04	9.00E-04	9.00E-04
49.15	527.20	3.55E+00	3.55E+00	3.55E+00	2.15E-01	2.15E-01	2.15E-01	4.50E-01	4.50E-01	4.50E-01	2.73E-02	2.73E-02	2.73E-02	9.72E-03	9.72E-03	9.72E-03	5.90E-04	5.90E-04	5.90E-04
144.22	648.15	2.71E+00	2.71E+00	2.71E+00	1.64E-01	1.64E-01	1.64E-01	3.44E-01	3.44E-01	3.44E-01	2.08E-02	2.08E-02	2.08E-02	7.60E-03	7.60E-03	7.60E-03	4.60E-04	4.60E-04	4.60E-04
394.15	623.31	3.05E+00	3.05E+00	3.05E+00	1.85E-01	1.85E-01	1.85E-01	3.81E-01	3.81E-01	3.81E-01	2.31E-02	2.31E-02	2.31E-02	5.20E-03	5.20E-03	5.20E-03	3.20E-04	3.20E-04	3.20E-04
501.62	717.12	2.77E+00	2.77E+00	2.77E+00	1.68E-01	1.68E-01	1.68E-01	3.46E-01	3.46E-01	3.46E-01	2.10E-02	2.10E-02	2.10E-02	4.47E-03	4.47E-03	4.47E-03	2.70E-04	2.70E-04	2.70E-04
618.47	665.12	1.80E+00	1.80E+00	1.80E+00	1.09E-01	1.09E-01	1.09E-01	2.24E-01	2.24E-01	2.24E-01	1.36E-02	1.36E-02	1.36E-02	3.50E-03	3.50E-03	3.50E-03	2.10E-04	2.10E-04	2.10E-04
755.45	579.13	7.74E-01	7.74E-01	7.74E-01	4.69E-02	4.69E-02	4.69E-02	1.05E-01	1.05E-01	1.05E-01	6.36E-03	6.36E-03	6.36E-03	2.58E-03	2.58E-03	2.58E-03	1.60E-04	1.60E-04	1.60E-04
867.79	485.41	8.88E-01	8.88E-01	8.88E-01	5.38E-02	5.38E-02	5.38E-02	1.12E-01	1.12E-01	1.12E-01	6.77E-03	6.77E-03	6.77E-03	2.22E-03	2.22E-03	2.22E-03	1.30E-04	1.30E-04	1.30E-04
955.03	377.60	1.66E+00	1.66E+00	1.66E+00	1.01E-01	1.01E-01	1.01E-01	2.08E-01	2.08E-01	2.08E-01	1.26E-02	1.26E-02	1.26E-02	2.26E-03	2.26E-03	2.26E-03	1.40E-04	1.40E-04	1.40E-04
1331.68	-165.58	1.71E+00	1.71E+00	1.71E+00	1.03E-01	1.03E-01	1.03E-01	2.13E-01	2.13E-01	2.13E-01	1.29E-02	1.29E-02	1.29E-02	2.66E-03	2.66E-03	2.66E-03	1.60E-04	1.60E-04	1.60E-04
1406.74	-290.13	2.06E+00	2.06E+00	2.06E+00	1.25E-01	1.25E-01	1.25E-01	2.58E-01	2.58E-01	2.58E-01	1.56E-02	1.56E-02	1.56E-02	2.72E-03	2.72E-03	2.72E-03	1.60E-04	1.60E-04	1.60E-04
1456.20	-436.06	2.62E+00	2.62E+00	2.62E+00	1.59E-01	1.59E-01	1.59E-01	3.28E-01	3.28E-01	3.28E-01	1.99E-02	1.99E-02	1.99E-02	2.89E-03	2.89E-03	2.89E-03	1.70E-04	1.70E-04	1.70E-04
1209.21	-528.32	2.85E+00	2.85E+00	2.85E+00	1.72E-01	1.72E-01	1.72E-01	3.56E-01	3.56E-01	3.56E-01	2.15E-02	2.15E-02	2.15E-02	3.76E-03	3.76E-03	3.76E-03	2.30E-04	2.30E-04	2.30E-04
913.01	-694.67	1.48E+00	1.48E+00	1.48E+00	8.98E-02	8.98E-02	8.98E-02	1.86E-01	1.86E-01	1.86E-01	1.12E-02	1.12E-02	1.12E-02	6.35E-03	6.35E-03	6.35E-03	3.80E-04	3.80E-04	3.80E-04
717.24	-664.22	1.62E+00	1.62E+00	1.62E+00	9.83E-02	9.83E-02	9.83E-02	2.03E-01	2.03E-01	2.03E-01	1.23E-02	1.23E-02	1.23E-02	8.36E-03	8.36E-03	8.36E-03	5.10E-04	5.10E-04	5.10E-04
544.23	-594.35	2.41E+00	2.41E+00	2.41E+00	1.46E-01	1.46E-01	1.46E-01	3.01E-01	3.01E-01	3.01E-01	1.82E-02	1.82E-02	1.82E-02	1.05E-02	1.05E-02	1.05E-02	6.40E-04	6.40E-04	6.40E-04
338.12	-539.73	3.25E+00	3.25E+00	3.25E+00	1.96E-01	1.96E-01	1.96E-01	4.06E-01	4.06E-01	4.06E-01	2.45E-02	2.45E-02	2.45E-02	1.52E-02	1.52E-02	1.52E-02	9.20E-04	9.20E-04	9.20E-04
123.44	-529.45	3.37E+00	3.37E+00	3.37E+00	2.04E-01	2.04E-01	2.04E-01	4.22E-01	4.22E-01	4.22E-01	2.55E-02	2.55E-02	2.55E-02	2.50E-02	2.50E-02	2.50E-02	1.52E-03	1.52E-03	1.52E-03
-353.26	-515.05	6.17E+00	6.17E+00	6.17E+00	3.73E-01	3.73E-01	3.73E-01	1.23E+00	1.23E+00	1.23E+00	7.48E-02	7.48E-02	7.48E-02	8.39E-02	8.39E-02	8.39E-02	5.08E-03	5.08E-03	5.08E-03
-537.68	-487.80	1.09E+01	1.09E+01	1.09E+01	6.57E-01	6.57E-01	6.57E-01	1.81E+00	1.81E+00	1.81E+00	1.10E-01	1.10E-01	1.10E-01	1.73E-01	1.73E-01	1.73E-01	1.05E-02	1.05E-02	1.05E-02
-775.51	-486.07	3.19E+01	3.19E+01	3.19E+01	1.93E+00	1.93E+00	1.93E+00	8.44E+00	8.44E+00	8.44E+00	5.11E-01	5.11E-01	5.11E-01	3.00E-01	3.00E-01	3.00E-01	1.82E-02	1.82E-02	1.82E-02
-1414.44	-481.50	8.60E+00	8.60E+00	8.60E+00	5.21E-01	5.21E-01	5.21E-01	1.39E+00	1.39E+00	1.39E+00	8.38E-02	8.38E-02	8.38E-02	1.67E-02	1.67E-02	1.67E-02	1.01E-03	1.01E-03	1.01E-03
-1515.21	-320.18	8.17E+00	8.17E+00	8.17E+00	4.94E-01	4.94E-01	4.94E-01	1.26E+00	1.26E+00	1.26E+00	7.60E-02	7.60E-02	7.60E-02	1.18E-02	1.18E-02	1.18E-02	7.10E-04	7.10E-04	7.10E-04
-1749.69	-63.90	4.80E+00	4.80E+00	4.80E+00	2.90E-01	2.90E-01	2.90E-01	7.95E-01	7.95E-01	7.95E-01	4.82E-02	4.82E-02	4.82E-02	7.60E-03	7.60E-03	7.60E-03	4.60E-04	4.60E-04	4.60E-04
-920.57	426.17	8.23E+00	8.23E+00	8.23E+00	4.99E-01	4.99E-01	4.99E-01	1.03E+00	1.03E+00	1.03E+00	6.23E-02	6.23E-02	6.23E-02	1.41E-02	1.41E-02	1.41E-02	8.60E-04	8.60E-04	8.60E-04
-420.73	233.87	4.97E+00	4.97E+00	4.97E+00	3.01E-01	3.01E-01	3.01E-01	9.05E-01	9.05E-01	9.05E-01	5.48E-02	5.48E-02	5.48E-02	4.41E-02	4.41E-02	4.41E-02	2.67E-03	2.67E-03	2.67E-03
1090.12	214.10	2.84E+00	2.84E+00	2.84E+00	1.72E-01	1.72E-01	1.72E-01	3.55E-01	3.55E-01	3.55E-01	2.15E-02	2.15E-02	2.15E-02	2.57E-03	2.57E-03	2.57E-03	1.60E-04	1.60E-04	1.60E-04
1183.39	65.17	2.54E+00	2.54E+00	2.54E+00	1.54E-01	1.54E-01	1.54E-01	3.17E-01	3.17E-01	3.17E-01	1.92E-02	1.92E-02	1.92E-02	2.71E-03	2.71E-03	2.71E-03	1.60E-04	1.60E-04	1.60E-04
1055.30	-577.42	2.65E+00	2.65E+00	2.65E+00	1.60E-01	1.60E-01	1.60E-01	3.31E-01	3.31E-01	3.31E-01	2.00E-02	2.00E-02	2.00E-02	4.62E-03	4.62E-03	4.62E-03	2.80E-04	2.80E-04	2.80E-04
-103.02	-518.78	4.38E+00	4.38E+00	4.38E+00	2.65E-01	2.65E-01	2.65E-01	5.47E-01	5.47E-01	5.47E-01	3.32E-02	3.32E-02	3.32E-02	4.32E-02	4.32E-02	4.32E-02	2.62E-03	2.62E-03	2.62E-03
-1076.39	-488.67	1.97E-01	1.97E-01	1.97E-01	1.19E-00	1.19E-00	1.19E-00	3.08E-00	3.08E-00	3.08E-00	1.86E-01	1.86E-01	1.86E-01	5.44E-02	5.44E-02	5.44E-02	3.29E-03	3.29E-03	3.29E-03
-4113.79	-1330.97	1.17E+00	1.17E+00	1.17E+00	7.09E-02	7.09E-02	7.09E-02	1.46E-01	1.46E-01	1.46E-01	8.86E-03	8.86E-03	8.86E-03	1.34E-03	1.34E-03	1.34E-03	8.00E-05	8.00E-05	8.00E-05
-5050.04	-958.41	9.01E-01	9.01E-01	9.01E-01	5.46E-02	5.46E-02	5.46E-02	1.13E-01	1.13E-01	1.13E-01	6.82E-03	6.82E-03	6.82E-03	7.00E-04	7.00E-04	7.00E-04	4.00E-05	4.00E-05	4.00E-05
-4023.97	-112.26	1.06E+00	1.06E+00	1.06E+00	6.45E-02	6.45E-02	6.45E-02	2.30E-01	2.30E-01	2.30E-01	1.39E-02	1.39E-02	1.39E-02	9.40E-04	9.40E-04	9.40E-04	6.00E-05	6.00E-05	6.00E-05
-2122.34	995.23	2.91E+00	2.91E+00	2.91E+00	1.76E-01	1.76E-01	1.76E-01	3.64E-01	3.64E-01	3.64E-01	2.20E-02	2.20E-02	2.20E-02	1.53E-03	1.53E-03	1.53E-03	9.00E-05	9.00E-05	9.00E-05
-2734.69	227.40	2.23E+00	2.23E+00	2.23E+00	1.35E-01	1.35E-01	1.35E-01	3.07E-01	3.07E-01	3.07E-01	1.86E-02	1.86E-02	1.86E-02	2.68E-03	2.68E-03	2.68E-03	1.60E-04	1.60E-04	1.60E-04
-2371.11	-69.21	2.43E+00	2.43E+00	2.43E+00	1.47E-01	1.47E-01	1.47E-01	5.69E-01	5.69E-01	5.69E-01	3.45E-02	3.45E-02	3.45E-02	3.11E-03	3.11E-03	3.11E-03	1.90E-04	1.90E-04	1.90E-04
-2146.26	177.17	3.78E+00	3.78E+00	3.78E+00	2.29E-01	2.29E-01	2.29E-01	6.75E-01	6.75E-01	6.75E-01	4.09E-02	4.09E-02	4.09E-02	4.26E-03	4.26E-03	4.26E-03	2.60E-04	2.60E-04	2.60E-04
-1919.02	445.07	4.23E+00	4.23E+00	4.23E+00	2.56E-01	2.56E-01	2.56E-01	5.28E-01	5.28E-01	5.28E-01	3.20E-02	3.20E-02	3.20E-02	2.99E-03	2.99E-03	2.99E-03	1.80E-04	1.80E-04	1.80E-04
-1651.12	607.72	4.34E+00	4.34E+00	4.34E+00	2.63E-01	2.63E-01	2.63E-01	5.42E-01	5.42E-01	5.42E-01	3.28E-02	3.28E-02	3.28E-02	3.32E-03	3.32E-03	3.32E-03	2.00E-04	2.00E-04	2.00E-04
-3361.39	677.09	1.80E+00	1.80E+00	1.80E+00	1.09E-01	1.09E-01	1.09E-01	3.47E-01	3.47E-01	3.47E-01	2.10E-02	2.10E-02	2.10E-02	1.61E-03	1.61E-03	1.61E-03	1.00E-04	1.00E-04	1.00E-04
-3026.51	724.93	1.58E+00	1.58E+00	1.58E+00	9.58E-02	9.58E-02	9.58E-02	3.50E-01	3.50E-01	3.50E-01	2.12E-02	2.12E-02	2.12E-02	1.47E-03	1.47E-03	1.47E-03	9.00E-05	9.00E-05	9.00E-05
-1679.82	1478.41	1.68E+00	1.68E+00	1.68E+00	1.02E-01	1.02E-01	1.02E-01	2.10E-01	2.10E-01	2.10E-01	1.27E-02	1.27E-02	1.27E-02	1.48E-03	1.48E-03	1.48E-03	9.00E-05	9.00E-05	9.00E-05
-922.86	446.42	7.94E+00	7.94E+00	7.94E+00	4.81E-01	4.81E-01	4.81E-01	9.93E-01	9.93E-01	9.93E-01	6.01E-02	6.01E-02	6.01E-02	1.32E-02	1.32E-02	1.32E-02	8.00E-04	8.00E-04	8.00E-04
-1799.42	1088.51	3.22E+00	3.22E+00	3.22E+00	1.95E-01	1.95E-01	1.95E-01	4.58E-01	4.58E-01	4.58E-01	2.78E-02	2.78E-02	2.78E-02	2.57E-03	2.57E-03	2.57E-03	1.60E-04	1.60E-04	1.60E-04
-359.36	1846.44	1.75E+00	1.75E+00	1.75E+00	1.06E-01	1.06E-01	1.06E-01	2.35E-01	2.35E-01	2.35E-01	1.42E-02	1.42E-02	1.42E-02	2.91E-03	2.91E-03	2.91E-03	1.80E-04	1.80E-04	1.80E-04
671.30	-742.78	1.28E+00	1.28E+00	1.28E+00	7.73E-02	7.73E-02	7.73E-02	1.59E-01	1.59E-01	1.59E-01	9.66E-03	9.66E-03	9.66E-03	9.80E-03	9.80E-03	9.80E-03	5.90E-04	5.90E-04	5.90E-04
-1565.55	-932.22	5.56E+00	5.56E+00	5.56E+00	3.37E-01	3.37E-01	3.37E-01	6.95E-01	6.95E-01	6.95E-01	4.21E-02	4.21E-02	4.21E-02	8.47E-03	8.47E-03	8.47E-03	5.10E-04	5.10E-04	5.10E-04
-1733.02	-528.24	5.19E+00	5.19E+00	5.19E+00	3.14E-01	3.14E-01	3.14E-01	8.10E-01	8.10E-01	8.10E-01	4.90E-02	4.90E-02	4.90E-02	8.54E-03	8.54E-03	8.54E-03	5.20E-04	5.20E-04	5.20E-04
-1261.46	-507.67	1.16E-01	1.16E-01	1.16E-01	7.04E-01	7.04E-01	7.04E-01	2.07E+00	2.07E+00	2.07E+00	1.26E-01	1.26E-01	1.26E-01	2.52E-02	2.52E-02	2.52E-02	1.52E-03	1.52E-03	1.52E-03
-883.92	-503.26	3.65E+01	3.65E+01	3.65E+01	2.21E+00	2.21E+00	2.21E+00	7.55E+00	7.55E+00	7.55E+00	4.57E-01	4.57E-01	4.57E-01	2.18E-01	2.18E-01	2.18E-01	1.32E-02	1.32E-02	1.32E-02
1599.35	-1104.97	6.44E-01	6.44E-01	6.44E-01	3.90E-02	3.90E-02	3.90E-02	8.05E-02	8.05E-02	8.05E-02	4.87E-03	4.87E-03	4.87E-03	4.13E-03	4.13E-03	4.13E-03	2.50E-04	2.50E-04	2.50E-04
1608.16	-1382.63	1.04E+00	1.04E+00	1.04E+00	6.32E-02	6.32E-02	6.32E-02	1.30E-01	1.30E-01	1.30E-01	7.90E-03	7.90E-03	7.90E-03	4.67E-03	4.67E-03	4.67E-03	2.80E-04	2.80E-04	2.80E-04
3517.15	-1425.27	3.74E-01	3.74E-01	3.74E-01	2.27E-02	2.27E-02	2.27E-02	4.76E-02	4.76E-02	4.76E-02	2.88E-03	2.88E-03	2.88E-03	1.45E-03	1.45E-03	1.45E-03	9.00E-05	9.00E-05	9.00E-05
2959.77	-846.37	1.21E+00	1.21E+00	1.21E+00	7.30E-02	7.30E-02	7.30E-02	1.51E-01	1.51E-01	1.51E-01	9.12E-03	9.12E-03	9.12E-03	1.55E-03	1.55E-03	1.55E-03	9.00E-05	9.00E-05	9.00E-05
3479.67	224.81	5.87E-01	5.87E-01	5.87E-01	3.56E-02	3.56E-02	3.56E-02	7.34E-02	7.34E-02	7.34E-02	4.44E-03	4.44E-03	4.44E-03	9.90E-04	9.90E-04	9.90E-04	6.00E-05	6.00E-05	6.00E-05
44.43	1469.76	2.56E+00	2.56E+00	2.56E+00	1.55E-01	1.55E-01	1.55E-01	3.54E-01	3.54E-01	3.54E-01	2.15E-02	2.15E-02	2.15E-02	3.30E-03	3.30E-03	3.30E-03	2.00E-04	2.00E-04	2.00E-04
3044.83	-34.00	5.19E-01	5.19E-01	5.19E-01	3.14E-02	3.14E-02	3.14E-02	6.48E-02	6.48E-02	6.48E-02	3.93E-03	3.93E-03	3.93E-03	1.17E-03	1.17E-03	1.17E-03	7.00E-05	7.00E-05	7.00E-05
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-03	6.35E-03	6.35E-03	3.80E-04	3.80E-04	3.80E-04
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	2.47E-03	2.47E-03	1.50E-04	1.50E-04	1.50E-04
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	3.28E-03	3.28E-03	2.00E-04	2.00E-04	2.00E-04
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	2.15E-03	2.15E-03	1.30E-04	1.30E-04	1.30E-04
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	1.70E-03	1.70E-03	1.00E-04	1.00E-04	1.00E-04
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-02	3.76E-02	3.76E-02	2.28E-03	2.28E-03	2.28E-03
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-02	2.66E-02	2.66E-02	1.61E-03	1.61E-03	1.61E-03
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	3.32E-03	3.32E-03	2.00E-04	2.00E-04	2.00E-04
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	3.56E-03	3.56E-03	2.20E-04	2.20E-04	2.20E-04
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	2.16E-03	2.16E-03	1.30E-04	1.30E-04	1.30E-04
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	2.74E-03	2.74E-03	1.70E-04	1.70E-04	1.70E-04
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	2.00E-03	2.00E-03	1.20E-04	1.20E-04	1.20E-04
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	2.24E-03	2.24E-03	1.40E-04	1.40E-04	1.40E-04
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	1.12E-03	1.12E-03	7.00E-05	7.00E-05	7.00E-05
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	1.84E-03	1.84E-03	1.10E-04	1.10E-04	1.10E-04
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	1.73E-03	1.73E-03	1.00E-04	1.00E-04	1.00E-04
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	1.89E-03	1.89E-03	1.10E-04	1.10E-04	1.10E-04
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	1.39E-03	1.39E-03	8.00E-05	8.00E-05	8.00E-05
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	7.40E-04	7.40E-04	4.00E-05	4.00E-05	4.00E-05
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	2.72E-03	2.72E-03	1.70E-04	1.70E-04	1.70E-04
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	1.97E-03	1.97E-03	1.20E-04	1.20E-04	1.20E-04

Phase: 1B
Source Group: Gasoline Exhaust

		Averaging Period: 1HR_1ST						Averaging Period: 8HR_1ST						Averaging Period: AN					
		PM10			VOC			PM10			VOC			PM10			VOC		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	3.10E-04	3.00E-04	2.90E-04	1.45E-03	1.27E-03	1.21E-03	5.00E-05	5.00E-05	5.00E-05	2.30E-04	2.00E-04	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1778.03	-291.29	3.00E-04	2.90E-04	2.70E-04	1.38E-03	1.22E-03	1.11E-03	5.00E-05	4.00E-05	4.00E-05	2.10E-04	1.90E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1732.28	175.05	3.50E-04	3.40E-04	3.20E-04	1.64E-03	1.44E-03	1.31E-03	6.00E-05	6.00E-05	6.00E-05	2.80E-04	2.50E-04	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1579.43	347.93	3.50E-04	3.40E-04	3.20E-04	1.63E-03	1.44E-03	1.34E-03	5.00E-05	5.00E-05	4.00E-05	2.30E-04	2.00E-04	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1525.43	516.64	3.50E-04	3.30E-04	3.20E-04	1.62E-03	1.43E-03	1.27E-03	4.00E-05	4.00E-05	4.00E-05	2.00E-04	1.80E-04	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1332.88	500.04	4.10E-04	4.00E-04	3.80E-04	1.92E-03	1.70E-03	1.52E-03	5.00E-05	5.00E-05	5.00E-05	2.40E-04	2.10E-04	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1140.45	476.30	5.00E-04	4.80E-04	4.60E-04	2.32E-03	2.05E-03	1.84E-03	7.00E-05	7.00E-05	7.00E-05	3.30E-04	2.90E-04	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-672.12	353.55	4.90E-04	4.70E-04	4.50E-04	2.28E-03	2.01E-03	1.94E-03	1.10E-04	1.10E-04	1.00E-04	5.20E-04	4.50E-04	4.20E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-169.37	170.38	3.50E-04	3.40E-04	3.20E-04	1.63E-03	1.43E-03	1.36E-03	4.00E-05	4.00E-05	4.00E-05	2.10E-04	1.80E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-75.04	299.11	3.10E-04	3.00E-04	2.90E-04	1.45E-03	1.28E-03	1.21E-03	4.00E-05	4.00E-05	4.00E-05	1.80E-04	1.60E-04	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49.15	527.20	2.30E-04	2.20E-04	2.10E-04	1.06E-03	9.40E-04	8.70E-04	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.20E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144.22	648.15	1.80E-04	1.80E-04	1.70E-04	8.50E-04	7.50E-04	7.00E-04	2.00E-05	2.00E-05	2.00E-05	1.10E-04	1.00E-04	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394.15	623.31	1.60E-04	1.60E-04	1.50E-04	7.60E-04	6.70E-04	6.40E-04	2.00E-05	2.00E-05	2.00E-05	1.00E-04	8.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501.62	717.12	1.50E-04	1.40E-04	1.40E-04	7.00E-04	6.20E-04	5.80E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618.47	665.12	9.00E-05	9.00E-05	9.00E-05	4.40E-04	3.90E-04	3.70E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	5.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755.45	579.13	5.00E-05	5.00E-05	5.00E-05	2.40E-04	2.10E-04	2.00E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867.79	485.41	8.00E-05	7.00E-05	7.00E-05	3.50E-04	3.10E-04	2.80E-04	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
955.03	377.60	1.40E-04	1.30E-04	1.30E-04	6.40E-04	5.70E-04	5.20E-04	2.00E-05	2.00E-05	2.00E-05	8.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1331.68	-165.58	1.30E-04	1.20E-04	1.20E-04	5.90E-04	5.20E-04	4.70E-04	2.00E-05	2.00E-05	1.00E-05	7.00E-05	6.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1406.74	-290.13	1.60E-04	1.50E-04	1.50E-04	7.50E-04	6.60E-04	6.00E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1456.20	-436.06	1.60E-04	1.60E-04	1.50E-04	7.60E-04	6.70E-04	6.20E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1209.21	-528.32	1.40E-04	1.30E-04	1.30E-04	6.50E-04	5.70E-04	5.50E-04	2.00E-05	2.00E-05	2.00E-05	8.00E-05	7.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
913.01	-694.67	5.00E-05	5.00E-05	4.00E-05	2.20E-04	2.00E-04	1.90E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717.24	-664.22	8.00E-05	7.00E-05	7.00E-05	3.60E-04	3.20E-04	2.80E-04	1.00E-05	1.00E-05	1.00E-05	5.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544.23	-594.35	1.00E-04	9.00E-05	9.00E-05	4.60E-04	4.00E-04	3.60E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338.12	-539.73	1.50E-04	1.50E-04	1.40E-04	7.10E-04	6.30E-04	5.60E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00
123.44	-529.45	2.70E-04	2.60E-04	2.50E-04	1.27E-03	1.12E-03	1.00E-03	3.00E-05	3.00E-05	3.00E-05	1.60E-04	1.40E-04	1.20E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-353.26	-515.05	5.70E-04	5.50E-04	5.30E-04	2.67E-03	2.35E-03	2.09E-03	1.20E-04	1.20E-04	1.10E-04	5.60E-04	5.00E-04	4.40E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05
-537.68	-487.80	6.30E-04	6.10E-04	5.80E-04	2.94E-03	2.59E-03	2.30E-03	1.80E-04	1.70E-04	1.70E-04	8.50E-04	7.50E-04	6.70E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05
-775.51	-486.07	7.90E-04	7.70E-04	7.40E-04	3.72E-03	3.27E-03	3.45E-03	2.00E-04	1.90E-04	1.80E-04	9.20E-04	8.10E-04	9.20E-04	1.00E-05	1.00E-05	1.00E-05	4.00E-05	3.00E-05	4.00E-05
-1414.44	-481.50	3.90E-04	3.80E-04	3.60E-04	1.82E-03	1.61E-03	1.53E-03	7.00E-05	7.00E-05	7.00E-05	3.30E-04	2.90E-04	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1515.21	-320.18	4.00E-04	3.90E-04	3.70E-04	1.87E-03	1.65E-03	1.53E-03	7.00E-05	7.00E-05	6.00E-05	3.30E-04	2.90E-04	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1749.69	-63.90	3.00E-04	2.90E-04	2.80E-04	1.39E-03	1.22E-03	1.10E-03	6.00E-05	6.00E-05	6.00E-05	2.80E-04	2.40E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-920.57	426.17	4.20E-04	4.10E-04	3.90E-04	1.97E-03	1.74E-03	1.66E-03	5.00E-05	5.00E-05	5.00E-05	2.50E-04	2.20E-04	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-420.73	233.87	4.60E-04	4.40E-04	4.20E-04	2.13E-03	1.88E-03	1.69E-03	6.00E-05	6.00E-05	6.00E-05	3.00E-04	2.70E-04	2.40E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-05
1090.12	214.10	1.80E-04	1.70E-04	1.60E-04	8.30E-04	7.30E-04	6.80E-04	2.00E-05	2.00E-05	2.00E-05	1.00E-04	9.00E-05	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1183.39	65.17	1.30E-04	1.20E-04	1.20E-04	5.90E-04	5.20E-04	5.00E-04	2.00E-05	2.00E-05	1.00E-05	7.00E-05	7.00E-05	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1055.30	-577.42	1.10E-04	1.00E-04	1.00E-04	5.00E-04	4.40E-04	4.40E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-103.02	-518.78	3.60E-04	3.50E-04	3.30E-04	1.68E-03	1.48E-03	1.35E-03	5.00E-05	4.00E-05	4.00E-05	2.10E-04	1.90E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-1076.39	-488.67	6.60E-04	6.40E-04	6.10E-04	3.08E-03	2.72E-03	2.77E-03	1.00E-04	1.00E-04	9.00E-05	4.60E-04	4.10E-04	4.30E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-4113.79	-1330.97	7.00E-05	6.00E-05	6.00E-05	3.10E-04	2.70E-04	2.60E-04	1.00E-05	1.00E-05	1.00E-05	4.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	5.00E-05	5.00E-05	5.00E-05	2.50E-04	2.20E-04	2.10E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	7.00E-05	7.00E-05	7.00E-05	3.50E-04	3.00E-04	2.80E-04	1.00E-05	1.00E-05	1.00E-05	5.00E-05	5.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	1.60E-04	1.60E-04	1.50E-04	7.50E-04	6.60E-04	6.30E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2734.69	227.40	1.30E-04	1.20E-04	1.20E-04	5.90E-04	5.20E-04	4.80E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2371.11	-69.21	1.70E-04	1.60E-04	1.60E-04	7.90E-04	7.00E-04	6.30E-04	3.00E-05	3.00E-05	3.00E-05	1.50E-04	1.40E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-2146.26	177.17	2.00E-04	1.90E-04	1.80E-04	9.30E-04	8.20E-04	7.50E-04	3.00E-05	3.00E-05	3.00E-05	1.30E-04	1.10E-04	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1919.02	445.07	1.90E-04	1.80E-04	1.80E-04	8.90E-04	7.90E-04	7.20E-04	4.00E-05	4.00E-05	4.00E-05	1.90E-04	1.70E-04	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1651.12	607.72	2.90E-04	2.80E-04	2.70E-04	1.36E-03	1.20E-03	1.07E-03	4.00E-05	4.00E-05	3.00E-05	1.70E-04	1.50E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3361.39	677.09	1.10E-04	1.10E-04	1.10E-04	5.40E-04	4.70E-04	4.40E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-3026.51	724.93	1.10E-04	1.10E-04	1.10E-04	5.40E-04	4.70E-04	4.30E-04	2.00E-05	2.00E-05	2.00E-05	1.10E-04	1.00E-04	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1679.82	1478.41	1.40E-04	1.40E-04	1.30E-04	6.70E-04	5.90E-04	5.30E-04	2.00E-05	2.00E-05	2.00E-05	9.00E-05	8.00E-05	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-922.86	446.42	4.10E-04	3.90E-04	3.80E-04	1.91E-03	1.68E-03	1.61E-03	5.00E-05	5.00E-05	5.00E-05	2.40E-04	2.10E-04	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1799.42	1088.51	2.10E-04	2.00E-04	1.90E-04	9.70E-04	8.50E-04	7.80E-04	3.00E-05	2.00E-05	2.00E-05	1.20E-04	1.10E-04	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-359.36	1846.44	9.00E-05	9.00E-05	9.00E-05	4.40E-04	3.80E-04	3.70E-04	1.00E-05	1.00E-05	1.00E-05	6.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671.30	-742.78	1.20E-04	1.10E-04	1.10E-04	5.50E-04	4.90E-04	4.40E-04	1.00E-05	1.00E-05	1.00E-05	7.00E-05	6.00E-05	5.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1565.55	-932.22	2.60E-04	2.60E-04	2.50E-04	1.24E-03	1.09E-03	1.05E-03	3.00E-05	3.00E-05	3.00E-05	1.50E-04	1.40E-04	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1733.02	-528.24	2.80E-04	2.70E-04	2.60E-04	1.33E-03	1.17E-03	1.09E-03	5.00E-05	4.00E-05	4.00E-05	2.10E-04	1.90E-04	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-1261.46	-507.67	4.60E-04	4.40E-04	4.20E-04	2.13E-03	1.88E-03	1.81E-03	7.00E-05	7.00E-05	7.00E-05	3.50E-04	3.10E-04	3.00E-04	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00
-883.92	-503.26	9.00E-04	8.70E-04	8.30E-04	4.21E-03	3.71E-03	4.09E-03	2.00E-04	1.90E-04	1.90E-04	9.40E-04	8.20E-04	9.00E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	2.00E-05	3.00E-05
1599.35	-1104.97	4.00E-05	4.00E-05	4.00E-05	2.00E-04	1.80E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1608.16	-1382.63	7.00E-05	7.00E-05	7.00E-05	3.50E-04	3.10E-04	2.80E-04	1.00E-05	1.00E-05	1.00E-05	4.00E-05	4.00E-05	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3517.15	-1425.27	2.00E-05	2.00E-05	2.00E-05	1.00E-04	9.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2959.77	-846.37	6.00E-05	6.00E-05	5.00E-05	2.70E-04	2.40E-04	2.30E-04	1.00E-05	1.00E-05	1.00E-05	3.00E-05	3.00E-05	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3479.67	224.81	3.00E-05	3.00E-05	3.00E-05	1.40E-04	1.20E-04	1.20E-04	0.00E+00	0.00E+00	0.00E+00	2.00E-05	1.00E-05	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	1.50E-04	1.50E-04	1.40E-04	7.10E-04	6.20E-04	5.80E-04	2.00E-05	2.00E-05	2.00E-05	1.00E-04	9.00E-05	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3044.83	-34.00	4.00E-05	4.00E-05	4.00E-05	1.90E-04	1.70E-04	1.50E-04	1.00E-05	0.00E+00	0.00E+00	2.00E-05	2.00E-05	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

		Phase: 1B								
		Source Group: Tire Wear / Brake Wear (TB)								
		Averaging Period: 1HR_1ST			Averaging Period: 8HR_1ST			Averaging Period: AN		
		PM10			PM10			PM10		
X	Y	2024	2025	2026	2024	2025	2026	2024	2025	2026
-1710.89	-383.91	1.82E-02	1.82E-02	1.82E-02	2.94E-03	2.94E-03	2.94E-03	3.00E-05	3.00E-05	3.00E-05
-1778.03	-291.29	1.71E-02	1.71E-02	1.71E-02	2.65E-03	2.65E-03	2.65E-03	2.00E-05	2.00E-05	2.00E-05
-1732.28	175.05	2.02E-02	2.02E-02	2.02E-02	3.48E-03	3.48E-03	3.48E-03	2.00E-05	2.00E-05	2.00E-05
-1579.43	347.93	2.04E-02	2.04E-02	2.04E-02	2.75E-03	2.75E-03	2.75E-03	2.00E-05	2.00E-05	2.00E-05
-1525.43	516.64	1.98E-02	1.98E-02	1.98E-02	2.47E-03	2.47E-03	2.47E-03	1.00E-05	1.00E-05	1.00E-05
-1332.88	500.04	2.36E-02	2.36E-02	2.36E-02	2.95E-03	2.95E-03	2.95E-03	2.00E-05	2.00E-05	2.00E-05
-1140.45	476.30	2.85E-02	2.85E-02	2.85E-02	4.04E-03	4.04E-03	4.04E-03	3.00E-05	3.00E-05	3.00E-05
-672.12	353.55	2.90E-02	2.90E-02	2.90E-02	6.45E-03	6.45E-03	6.45E-03	1.50E-04	1.50E-04	1.50E-04
-169.37	170.38	2.05E-02	2.05E-02	2.05E-02	2.61E-03	2.61E-03	2.61E-03	9.00E-05	9.00E-05	9.00E-05
-75.04	299.11	1.83E-02	1.83E-02	1.83E-02	2.32E-03	2.32E-03	2.32E-03	6.00E-05	6.00E-05	6.00E-05
49.15	527.20	1.33E-02	1.33E-02	1.33E-02	1.70E-03	1.70E-03	1.70E-03	4.00E-05	4.00E-05	4.00E-05
144.22	648.15	1.07E-02	1.07E-02	1.07E-02	1.36E-03	1.36E-03	1.36E-03	3.00E-05	3.00E-05	3.00E-05
394.15	623.31	9.64E-03	9.64E-03	9.64E-03	1.21E-03	1.21E-03	1.21E-03	2.00E-05	2.00E-05	2.00E-05
501.62	717.12	8.81E-03	8.81E-03	8.81E-03	1.10E-03	1.10E-03	1.10E-03	2.00E-05	2.00E-05	2.00E-05
618.47	665.12	5.61E-03	5.61E-03	5.61E-03	7.00E-04	7.00E-04	7.00E-04	1.00E-05	1.00E-05	1.00E-05
755.45	579.13	3.01E-03	3.01E-03	3.01E-03	4.00E-04	4.00E-04	4.00E-04	1.00E-05	1.00E-05	1.00E-05
867.79	485.41	4.34E-03	4.34E-03	4.34E-03	5.40E-04	5.40E-04	5.40E-04	1.00E-05	1.00E-05	1.00E-05
955.03	377.60	7.95E-03	7.95E-03	7.95E-03	9.90E-04	9.90E-04	9.90E-04	1.00E-05	1.00E-05	1.00E-05
1331.68	-165.58	7.26E-03	7.26E-03	7.26E-03	9.10E-04	9.10E-04	9.10E-04	1.00E-05	1.00E-05	1.00E-05
1406.74	-290.13	9.25E-03	9.25E-03	9.25E-03	1.16E-03	1.16E-03	1.16E-03	1.00E-05	1.00E-05	1.00E-05
1456.20	-436.06	9.49E-03	9.49E-03	9.49E-03	1.19E-03	1.19E-03	1.19E-03	1.00E-05	1.00E-05	1.00E-05
1209.21	-528.32	8.24E-03	8.24E-03	8.24E-03	1.03E-03	1.03E-03	1.03E-03	1.00E-05	1.00E-05	1.00E-05
913.01	-694.67	2.73E-03	2.73E-03	2.73E-03	3.40E-04	3.40E-04	3.40E-04	3.00E-05	3.00E-05	3.00E-05
717.24	-664.22	4.42E-03	4.42E-03	4.42E-03	5.50E-04	5.50E-04	5.50E-04	4.00E-05	4.00E-05	4.00E-05
544.23	-594.35	5.57E-03	5.57E-03	5.57E-03	7.00E-04	7.00E-04	7.00E-04	5.00E-05	5.00E-05	5.00E-05
338.12	-539.73	8.69E-03	8.69E-03	8.69E-03	1.09E-03	1.09E-03	1.09E-03	7.00E-05	7.00E-05	7.00E-05
123.44	-529.45	1.55E-02	1.55E-02	1.55E-02	1.94E-03	1.94E-03	1.94E-03	1.10E-04	1.10E-04	1.10E-04
-353.26	-515.05	3.26E-02	3.26E-02	3.26E-02	6.89E-03	6.89E-03	6.89E-03	2.60E-04	2.60E-04	2.60E-04
-537.68	-487.80	3.59E-02	3.59E-02	3.59E-02	1.04E-02	1.04E-02	1.04E-02	4.30E-04	4.30E-04	4.30E-04
-775.51	-486.07	4.97E-02	4.97E-02	4.97E-02	1.28E-02	1.28E-02	1.28E-02	5.30E-04	5.30E-04	5.30E-04
-1414.44	-481.50	2.30E-02	2.30E-02	2.30E-02	4.16E-03	4.16E-03	4.16E-03	5.00E-05	5.00E-05	5.00E-05
-1515.21	-320.18	2.34E-02	2.34E-02	2.34E-02	4.11E-03	4.11E-03	4.11E-03	4.00E-05	4.00E-05	4.00E-05
-1749.69	-63.90	1.70E-02	1.70E-02	1.70E-02	3.44E-03	3.44E-03	3.44E-03	2.00E-05	2.00E-05	2.00E-05
-920.57	426.17	2.50E-02	2.50E-02	2.50E-02	3.12E-03	3.12E-03	3.12E-03	6.00E-05	6.00E-05	6.00E-05
-420.73	233.87	2.62E-02	2.62E-02	2.62E-02	3.70E-03	3.70E-03	3.70E-03	2.00E-04	2.00E-04	2.00E-04
1090.12	214.10	1.04E-02	1.04E-02	1.04E-02	1.30E-03	1.30E-03	1.30E-03	1.00E-05	1.00E-05	1.00E-05
1183.39	65.17	7.55E-03	7.55E-03	7.55E-03	9.40E-04	9.40E-04	9.40E-04	1.00E-05	1.00E-05	1.00E-05
1055.30	-577.42	6.49E-03	6.49E-03	6.49E-03	8.10E-04	8.10E-04	8.10E-04	2.00E-05	2.00E-05	2.00E-05
-103.02	-518.78	2.08E-02	2.08E-02	2.08E-02	2.60E-03	2.60E-03	2.60E-03	1.80E-04	1.80E-04	1.80E-04
-1076.39	-488.67	4.05E-02	4.05E-02	4.05E-02	6.16E-03	6.16E-03	6.16E-03	1.40E-04	1.40E-04	1.40E-04
-4113.79	-1330.97	3.88E-03	3.88E-03	3.88E-03	4.90E-04	4.90E-04	4.90E-04	0.00E+00	0.00E+00	0.00E+00
-5050.04	-958.41	3.14E-03	3.14E-03	3.14E-03	3.90E-04	3.90E-04	3.90E-04	0.00E+00	0.00E+00	0.00E+00
-4023.97	-112.26	4.30E-03	4.30E-03	4.30E-03	6.70E-04	6.70E-04	6.70E-04	0.00E+00	0.00E+00	0.00E+00
-2122.34	995.23	9.49E-03	9.49E-03	9.49E-03	1.19E-03	1.19E-03	1.19E-03	1.00E-05	1.00E-05	1.00E-05
-2734.69	227.40	7.37E-03	7.37E-03	7.37E-03	1.07E-03	1.07E-03	1.07E-03	1.00E-05	1.00E-05	1.00E-05
-2371.11	-69.21	9.76E-03	9.76E-03	9.76E-03	1.94E-03	1.94E-03	1.94E-03	1.00E-05	1.00E-05	1.00E-05
-2146.26	177.17	1.15E-02	1.15E-02	1.15E-02	1.62E-03	1.62E-03	1.62E-03	1.00E-05	1.00E-05	1.00E-05
-1919.02	445.07	1.10E-02	1.10E-02	1.10E-02	2.32E-03	2.32E-03	2.32E-03	1.00E-05	1.00E-05	1.00E-05
-1651.12	607.72	1.66E-02	1.66E-02	1.66E-02	2.08E-03	2.08E-03	2.08E-03	1.00E-05	1.00E-05	1.00E-05
-3361.39	677.09	6.70E-03	6.70E-03	6.70E-03	1.09E-03	1.09E-03	1.09E-03	1.00E-05	1.00E-05	1.00E-05
-3026.51	724.93	6.62E-03	6.62E-03	6.62E-03	1.39E-03	1.39E-03	1.39E-03	1.00E-05	1.00E-05	1.00E-05
-1679.82	1478.41	8.20E-03	8.20E-03	8.20E-03	1.09E-03	1.09E-03	1.09E-03	1.00E-05	1.00E-05	1.00E-05
-922.86	446.42	2.42E-02	2.42E-02	2.42E-02	3.02E-03	3.02E-03	3.02E-03	5.00E-05	5.00E-05	5.00E-05
-1799.42	1088.51	1.20E-02	1.20E-02	1.20E-02	1.50E-03	1.50E-03	1.50E-03	1.00E-05	1.00E-05	1.00E-05
-359.36	1846.44	5.53E-03	5.53E-03	5.53E-03	8.00E-04	8.00E-04	8.00E-04	1.00E-05	1.00E-05	1.00E-05
671.30	-742.78	6.80E-03	6.80E-03	6.80E-03	8.50E-04	8.50E-04	8.50E-04	4.00E-05	4.00E-05	4.00E-05
-1565.55	-932.22	1.58E-02	1.58E-02	1.58E-02	1.97E-03	1.97E-03	1.97E-03	3.00E-05	3.00E-05	3.00E-05
-1733.02	-528.24	1.66E-02	1.66E-02	1.66E-02	2.62E-03	2.62E-03	2.62E-03	3.00E-05	3.00E-05	3.00E-05
-1261.46	-507.67	2.71E-02	2.71E-02	2.71E-02	4.50E-03	4.50E-03	4.50E-03	7.00E-05	7.00E-05	7.00E-05
-883.92	-503.26	5.78E-02	5.78E-02	5.78E-02	1.27E-02	1.27E-02	1.27E-02	3.80E-04	3.80E-04	3.80E-04
1599.35	-1104.97	2.48E-03	2.48E-03	2.48E-03	3.10E-04	3.10E-04	3.10E-04	2.00E-05	2.00E-05	2.00E-05
1608.16	-1382.63	4.30E-03	4.30E-03	4.30E-03	5.40E-04	5.40E-04	5.40E-04	2.00E-05	2.00E-05	2.00E-05
3517.15	-1425.27	1.26E-03	1.26E-03	1.26E-03	1.60E-04	1.60E-04	1.60E-04	1.00E-05	1.00E-05	1.00E-05
2959.77	-846.37	3.47E-03	3.47E-03	3.47E-03	4.30E-04	4.30E-04	4.30E-04	1.00E-05	1.00E-05	1.00E-05
3479.67	224.81	1.74E-03	1.74E-03	1.74E-03	2.20E-04	2.20E-04	2.20E-04	0.00E+00	0.00E+00	0.00E+00
44.43	1469.76	8.87E-03	8.87E-03	8.87E-03	1.23E-03	1.23E-03	1.23E-03	1.00E-05	1.00E-05	1.00E-05
3044.83	-34.00	2.36E-03	2.36E-03	2.36E-03	3.00E-04	3.00E-04	3.00E-04	0.00E+00	0.00E+00	0.00E+00
1088.00	-938.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	3.00E-05	3.00E-05
1647.00	-390.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1650.00	-890.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1430.00	215.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1142.00	615.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
-333.00	-788.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	1.10E-04	1.10E-04
-42.00	-825.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	8.00E-05	8.00E-05
1900.00	-1175.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1815.00	-1910.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2575.00	-2650.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2665.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
3480.00	-2025.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2667.00	-1400.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
3400.00	-250.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577.00	-940.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2404.00	-475.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1577.00	291.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2400.00	240.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
2600.00	1290.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
900.00	935.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05
1375.00	1395.00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	1.00E-05	1.00E-05

		Source Group: AIRCRAFT		Source Group: GSE	
		Averaging Period: 1H		Averaging Period: 1H	
		Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	1.40E+01	3.97E-01	8.71E-01	-5.37E+00
-1778.03	-291.29	9.61E+00	4.10E-01	1.33E+00	-6.00E+00
-1732.28	175.05	1.97E+01	1.62E+01	2.34E+00	-6.23E+00
-1579.43	347.93	2.25E+01	1.45E+01	1.69E+00	-6.85E+00
-1525.43	516.64	2.06E+01	6.33E+00	1.03E+00	-3.55E+00
-1332.88	500.04	3.40E+01	5.93E+00	1.07E+00	-3.53E+00
-1140.45	476.30	2.74E+01	1.42E+01	1.21E+00	-3.93E+00
-672.12	353.55	1.42E+01	3.30E+00	7.31E-01	-5.78E+00
-169.37	170.38	2.16E+01	2.64E+00	1.80E-01	-6.31E+00
-75.04	299.11	8.18E+00	5.75E+00	1.74E-01	-4.68E+00
49.15	527.20	8.27E+00	5.83E+00	-4.40E-01	-5.59E+00
144.22	648.15	7.10E+00	5.54E+00	-8.59E-01	-7.01E+00
394.15	623.31	3.34E+00	5.72E+00	-7.72E-01	-6.52E+00
501.62	717.12	3.53E+00	5.34E+00	-2.17E-01	-4.01E+00
618.47	665.12	4.66E+00	5.55E+00	-7.72E-01	-5.98E+00
755.45	579.13	9.12E+00	5.80E+00	-7.81E-01	-5.97E+00
867.79	485.41	1.05E+01	5.90E+00	-7.44E-01	-5.24E+00
955.03	377.60	7.31E+00	6.02E+00	-5.42E-01	-5.34E+00
1331.68	-165.58	1.17E+01	4.36E+00	1.26E+00	8.17E-01
1406.74	-290.13	1.89E+01	9.01E+00	9.56E-01	1.54E-01
1456.20	-436.06	3.47E+01	1.20E+01	1.02E+00	5.12E-01
1209.21	-528.32	1.39E+01	1.22E+01	1.04E+00	6.08E-01
913.01	-694.67	2.25E+01	3.35E+00	1.28E+00	7.87E-01
717.24	-664.22	3.30E+01	3.38E+00	1.47E+00	1.04E+00
544.23	-594.35	2.93E+01	3.65E+00	1.92E+00	1.78E+00
338.12	-539.73	2.04E+01	3.44E+00	2.74E+00	3.46E+00
123.44	-529.45	1.26E+01	3.24E+00	2.59E+00	2.33E+00
-353.26	-515.05	1.23E+01	3.69E+00	1.54E-01	-5.18E+00
-537.68	-487.80	1.14E+01	3.36E+00	5.70E-01	-4.37E+00
-775.51	-486.07	1.21E+01	2.75E+00	1.05E+00	-3.86E+00
-1414.44	-481.50	1.13E+01	1.26E+00	1.15E+00	-3.92E+00
-1515.21	-320.18	1.48E+01	5.20E-01	1.05E+00	-6.14E+00
-1749.69	-63.90	1.38E+01	1.81E+00	2.72E+00	-1.07E+01
-920.57	426.17	1.90E+01	3.91E+00	1.20E+00	-3.94E+00
-420.73	233.87	2.16E+01	2.51E+00	1.70E-01	-7.02E+00
1090.12	214.10	1.28E+01	5.73E+00	7.51E-01	-9.29E-01
1183.39	65.17	1.96E+01	3.13E+00	3.14E+00	3.41E+00
1055.30	-577.42	2.28E+01	8.31E+00	1.20E+00	8.35E-01
-103.02	-518.78	1.19E+01	3.98E+00	1.63E+00	-1.02E+00
-1076.39	-488.67	1.66E+01	1.90E+00	1.07E+00	-3.80E+00
-4113.79	-1330.97	3.51E+00	9.07E-01	1.95E-01	-1.03E+00
-5050.04	-958.41	3.17E+00	-2.00E-01	2.29E-01	-6.74E-01
-4023.97	-112.26	3.33E+00	1.64E+00	3.85E-01	-1.22E+00
-2122.34	995.23	1.36E+01	1.76E+00	4.43E-01	-1.79E+00
-2734.69	227.40	8.79E+00	5.67E+00	6.66E-01	-1.78E+00
-2371.11	-69.21	7.08E+00	3.73E+00	1.03E+00	-3.93E+00
-2146.26	177.17	1.28E+01	8.99E+00	1.35E+00	-2.97E+00
-1919.02	445.07	6.49E+00	7.95E+00	1.24E+00	-4.39E+00
-1651.12	607.72	1.70E+01	4.34E+00	7.72E-01	-3.27E+00
-3361.39	677.09	3.51E+00	3.26E+00	6.15E-01	-1.15E+00
-3026.51	724.93	2.23E+00	2.57E+00	6.02E-01	-1.24E+00
-1679.82	1478.41	5.88E+00	4.09E+00	3.64E-01	-1.45E+00
-922.86	446.42	1.97E+01	5.08E+00	1.03E+00	-4.23E+00
-1799.42	1088.51	7.77E+00	4.98E+00	4.44E-01	-2.17E+00
-359.36	1846.44	5.23E+00	2.88E+00	1.39E-01	-1.84E+00
671.30	-742.78	2.85E+01	2.55E+00	1.38E+00	9.03E-01
-1565.55	-932.22	6.88E+00	1.28E+00	6.41E-01	-2.40E+00
-1733.02	-528.24	1.26E+01	9.42E-01	7.41E-01	-3.92E+00
-1261.46	-507.67	1.46E+01	2.07E+00	1.15E+00	-4.08E+00
-883.92	-503.26	1.51E+01	2.66E+00	1.05E+00	-3.86E+00
1599.35	-1104.97	9.52E+00	2.81E+00	5.98E-01	-1.78E-02
1608.16	-1382.63	7.08E+00	1.47E+00	5.08E-01	-1.24E-01
3517.15	-1425.27	4.71E+00	2.64E+00	3.11E-01	-8.34E-02
2959.77	-846.37	1.04E+01	1.61E+00	3.92E-01	-1.99E-02
3479.67	224.81	2.74E+00	2.23E+00	3.08E-01	-1.98E-01
44.43	1469.76	5.09E+00	4.22E+00	2.48E-01	-1.80E+00
3044.83	-34.00	2.42E+00	3.17E+00	3.65E-01	-3.46E-01
1088.00	-938.00	-	-	-	-
1647.00	-390.00	-	-	-	-
1650.00	-890.00	-	-	-	-
1430.00	215.00	-	-	-	-
1142.00	615.00	-	-	-	-
-333.00	-788.00	-	-	-	-
-42.00	-825.00	-	-	-	-
1900.00	-1175.00	-	-	-	-
1815.00	-1910.00	-	-	-	-
2575.00	-2650.00	-	-	-	-
2665.00	-2025.00	-	-	-	-
3480.00	-2025.00	-	-	-	-
2667.00	-1400.00	-	-	-	-
3400.00	-250.00	-	-	-	-
2577.00	-940.00	-	-	-	-
2404.00	-475.00	-	-	-	-
1577.00	291.00	-	-	-	-
2400.00	240.00	-	-	-	-
2600.00	1290.00	-	-	-	-
900.00	935.00	-	-	-	-
1375.00	1395.00	-	-	-	-

Source Group: ROADWAYS + PARKING
Averaging Period: 1H

X	Y	Pollutant: -D_PM10 2035A4-2018BL	Pollutant: -D_TOG 2035A4-2018BL	Pollutant: -G_PM10 2035A4-2018BL	Pollutant: -G_TOG 2035A4-2018BL	Pollutant: -TB_PM10 2035A4-2018BL
-1710.89	-383.91	-8.94E-02	-1.58E-01	-1.00E+00	-8.66E+00	-1.43E+00
-1778.03	-291.29	-9.22E-02	-1.85E-01	-1.34E+00	-1.01E+01	-2.28E+00
-1732.28	175.05	-3.90E-02	-8.37E-02	3.86E-01	-4.36E+00	-3.39E-01
-1579.43	347.93	-3.28E-02	-6.78E-02	-9.27E-02	-3.59E+00	-7.07E-01
-1525.43	516.64	-2.37E-02	-4.41E-02	2.61E-01	-2.32E+00	5.95E-02
-1332.88	500.04	-2.12E-02	-4.95E-02	4.02E-01	-2.43E+00	3.12E-01
-1140.45	476.30	-2.42E-02	-5.85E-02	4.38E-01	-2.88E+00	1.16E-01
-672.12	353.55	-2.93E-02	-7.43E-02	5.13E-01	-3.57E+00	-1.75E-01
-169.37	170.38	-2.93E-02	-7.84E-02	4.73E-01	-3.68E+00	-7.34E-02
-75.04	299.11	-2.51E-02	-6.44E-02	2.78E-01	-3.11E+00	-4.06E-01
49.15	527.20	-2.04E-02	-5.04E-02	4.83E-01	-2.48E+00	4.91E-02
144.22	648.15	-2.08E-02	-4.53E-02	6.31E-01	-2.14E+00	8.60E-01
394.15	623.31	-3.11E-02	-4.14E-02	2.03E-01	-2.59E+00	7.70E-01
501.62	717.12	-6.30E-02	-6.23E-02	4.05E-01	-5.19E+00	7.39E-01
618.47	665.12	-5.24E-02	-5.18E-02	3.01E-01	-4.32E+00	5.74E-01
755.45	579.13	-3.82E-02	-3.83E-02	3.19E-01	-3.89E+00	5.74E-01
867.79	485.41	-3.73E-02	-3.78E-02	1.12E+00	-4.87E+00	1.23E+00
955.03	377.60	-3.74E-02	-3.79E-02	1.21E+00	-5.58E+00	1.25E+00
1331.68	-165.58	-4.30E-02	-4.42E-02	1.69E+00	-4.25E+00	2.13E+00
1406.74	-290.13	-4.01E-02	-4.03E-02	7.23E-01	-3.48E+00	1.01E+00
1456.20	-436.06	-8.96E-02	-9.08E-02	8.83E-01	-7.46E+00	1.59E+00
1209.21	-528.32	-1.07E-01	-1.08E-01	7.89E-01	-8.94E+00	1.58E+00
913.01	-694.67	-1.77E-01	-1.77E-01	-5.29E-01	-1.47E+01	1.34E-01
717.24	-664.22	-2.08E-01	-2.06E-01	1.47E+00	-1.71E+01	2.57E+00
544.23	-594.35	-1.98E-01	-1.96E-01	1.75E+00	-1.63E+01	2.77E+00
338.12	-539.73	-1.67E-01	-1.80E-01	1.26E+00	-1.38E+01	2.09E+00
123.44	-529.45	-1.46E-01	-1.49E-01	1.17E+00	-1.20E+01	1.90E+00
-353.26	-515.05	-1.17E-01	-1.60E-01	-3.10E-01	-1.02E+01	1.54E-01
-537.68	-487.80	-1.83E-01	-1.79E-01	-2.34E+00	-1.52E+01	-1.65E+00
-775.51	-486.07	-1.37E-01	-2.05E-01	-7.87E-01	-1.32E+01	-1.59E+00
-1414.44	-481.50	-1.48E-01	-1.79E-01	-1.07E+00	-1.23E+01	-6.31E-01
-1515.21	-320.18	-1.16E-01	-2.73E-01	-1.64E+00	-1.33E+01	-3.43E+00
-1749.69	-63.90	-7.28E-02	-1.44E-01	-5.86E-01	-7.85E+00	-1.85E+00
-920.57	426.17	-2.64E-02	-6.54E-02	4.69E-01	-3.19E+00	2.67E-02
-420.73	233.87	-2.99E-02	-7.65E-02	5.43E-01	-3.69E+00	-3.99E-02
1090.12	214.10	-4.86E-02	-4.90E-02	9.04E-01	-1.07E+01	1.28E+00
1183.39	65.17	-3.74E-02	-4.38E-02	1.27E+00	-4.65E+00	1.64E+00
1055.30	-577.42	-1.44E-01	-1.46E-01	3.26E+00	-1.19E+01	4.38E+00
-103.02	-518.78	-1.36E-01	-1.40E-01	1.66E+00	-1.12E+01	2.37E+00
-1076.39	-488.67	-1.33E-01	-1.62E-01	-8.87E-01	-1.11E+01	-4.36E-01
-4113.79	-1330.97	-1.58E-02	-2.40E-02	1.44E-01	-1.47E+00	1.50E-01
-5050.04	-958.41	-1.60E-02	-1.88E-02	1.88E-01	-1.39E+00	2.19E-01
-4023.97	-112.26	-1.81E-02	-2.97E-02	8.99E-02	-1.80E+00	-5.69E-02
-2122.34	995.23	-1.71E-02	-2.72E-02	2.41E-01	-1.58E+00	1.79E-01
-2734.69	227.40	-3.38E-02	-5.78E-02	-8.94E-02	-3.41E+00	-4.63E-01
-2371.11	-69.21	-3.51E-02	-6.63E-02	-3.89E-01	-3.69E+00	-6.12E-01
-2146.26	177.17	-4.32E-02	-7.74E-02	5.78E-02	-4.43E+00	-4.78E-01
-1919.02	445.07	-2.95E-02	-5.80E-02	-1.33E-01	-3.17E+00	-6.78E-01
-1651.12	607.72	-2.21E-02	-4.03E-02	2.49E-01	-2.14E+00	7.65E-02
-3361.39	677.09	-1.96E-02	-3.30E-02	2.03E-01	-1.94E+00	3.70E-02
-3026.51	724.93	-1.89E-02	-3.13E-02	1.51E-01	-1.87E+00	-1.58E-02
-1679.82	1478.41	-1.26E-02	-2.26E-02	6.93E-02	-1.19E+00	1.45E-01
-922.86	446.42	-2.58E-02	-6.36E-02	4.60E-01	-3.11E+00	4.66E-02
-1799.42	1088.51	-1.44E-02	-2.78E-02	3.18E-01	-1.46E+00	3.98E-01
-359.36	1846.44	-1.81E-02	-3.00E-02	2.50E-01	-1.77E+00	2.74E-01
671.30	-742.78	-7.77E-02	-7.76E-02	9.18E-01	-6.41E+00	1.40E+00
-1565.55	-932.22	-4.11E-02	-6.74E-02	9.81E-01	-4.02E+00	9.45E-01
-1733.02	-528.24	-7.97E-02	-1.34E-01	-1.84E-01	-7.68E+00	3.40E-02
-1261.46	-507.67	-1.07E-01	-1.54E-01	-7.51E-01	-8.88E+00	-4.12E-01
-883.92	-503.26	-1.01E-01	-1.57E-01	-3.74E-01	-9.54E+00	-1.51E-02
1599.35	-1104.97	-6.62E-02	-6.71E-02	2.71E+00	-5.49E+00	3.33E+00
1608.16	-1382.63	-3.99E-02	-4.01E-02	1.07E+00	-3.43E+00	1.41E+00
3517.15	-1425.27	-1.89E-02	-2.49E-02	3.87E-01	-1.70E+00	3.90E-01
2959.77	-846.37	-3.37E-02	-4.12E-02	8.91E-01	-2.90E+00	1.08E+00
3479.67	224.81	-1.54E-02	-1.97E-02	2.26E-01	-1.38E+00	2.22E-01
44.43	1469.76	-2.05E-02	-3.31E-02	3.50E-01	-1.90E+00	4.90E-01
3044.83	-34.00	-1.93E-02	-2.19E-02	3.05E-01	-1.64E+00	3.82E-01
1088.00	-938.00	-	-	-	-	-
1647.00	-390.00	-	-	-	-	-
1650.00	-890.00	-	-	-	-	-
1430.00	215.00	-	-	-	-	-
1142.00	615.00	-	-	-	-	-
-333.00	-788.00	-	-	-	-	-
-42.00	-825.00	-	-	-	-	-
1900.00	-1175.00	-	-	-	-	-
1815.00	-1910.00	-	-	-	-	-
2575.00	-2650.00	-	-	-	-	-
2665.00	-2025.00	-	-	-	-	-
3480.00	-2025.00	-	-	-	-	-
2667.00	-1400.00	-	-	-	-	-
3400.00	-250.00	-	-	-	-	-
2577.00	-940.00	-	-	-	-	-
2404.00	-475.00	-	-	-	-	-
1577.00	291.00	-	-	-	-	-
2400.00	240.00	-	-	-	-	-
2600.00	1290.00	-	-	-	-	-
900.00	935.00	-	-	-	-	-
1375.00	1395.00	-	-	-	-	-

		Source Group: AIRCRAFT		Source Group: GSE	
		Averaging Period: 8H		Averaging Period: 8H	
		Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	4.11E+00	1.56E+00	3.12E-01	-1.93E+00
-1778.03	-291.29	4.51E+00	1.63E+00	4.11E-01	-2.12E+00
-1732.28	175.05	5.70E+00	2.64E+00	4.94E-01	-1.70E+00
-1579.43	347.93	3.98E+00	3.08E+00	5.66E-01	-1.98E+00
-1525.43	516.64	5.98E+00	2.99E+00	5.19E-01	-1.81E+00
-1332.88	500.04	9.35E+00	3.34E+00	5.88E-01	-2.39E+00
-1140.45	476.30	1.48E+01	3.08E+00	5.73E-01	-2.30E+00
-672.12	353.55	8.32E+00	2.05E+00	2.49E-01	-3.81E+00
-169.37	170.38	6.61E+00	1.87E+00	9.81E-02	-1.89E+00
-75.04	299.11	3.56E+00	1.98E+00	1.04E-01	-1.54E+00
49.15	527.20	2.96E+00	1.81E+00	-2.46E-01	-2.38E+00
144.22	648.15	2.64E+00	1.62E+00	-3.19E-01	-2.48E+00
394.15	623.31	3.15E+00	1.63E+00	-8.05E-01	-4.36E+00
501.62	717.12	3.11E+00	1.44E+00	-3.72E-01	-2.49E+00
618.47	665.12	3.31E+00	1.43E+00	-2.37E-01	-1.77E+00
755.45	579.13	3.91E+00	1.49E+00	-2.05E-01	-1.74E+00
867.79	485.41	4.50E+00	1.66E+00	2.04E-01	-4.97E-01
955.03	377.60	4.77E+00	1.81E+00	3.04E-01	-4.55E-02
1331.68	-165.58	5.57E+00	2.14E+00	8.79E-01	7.09E-01
1406.74	-290.13	8.66E+00	3.26E+00	5.17E-01	4.36E-01
1456.20	-436.06	1.09E+01	7.04E+00	2.71E-01	5.64E-02
1209.21	-528.32	1.22E+01	5.45E+00	4.41E-01	1.76E-01
913.01	-694.67	9.90E+00	2.09E+00	7.49E-01	7.04E-01
717.24	-664.22	7.79E+00	2.03E+00	9.39E-01	1.00E+00
544.23	-594.35	7.46E+00	2.63E+00	1.24E+00	1.58E+00
338.12	-539.73	6.28E+00	2.44E+00	1.65E+00	2.23E+00
123.44	-529.45	6.16E+00	2.36E+00	1.50E+00	1.40E+00
-353.26	-515.05	5.86E+00	2.22E+00	3.87E-01	-2.01E+00
-537.68	-487.80	5.92E+00	2.06E+00	2.23E-01	-2.67E+00
-775.51	-486.07	5.80E+00	1.90E+00	2.41E-01	-3.29E+00
-1414.44	-481.50	4.29E+00	1.79E+00	4.14E-01	-2.10E+00
-1515.21	-320.18	4.58E+00	2.05E+00	5.92E-01	-2.58E+00
-1749.69	-63.90	4.86E+00	1.58E+00	7.36E-01	-2.96E+00
-920.57	426.17	9.60E+00	2.25E+00	5.65E-01	-2.46E+00
-420.73	233.87	8.13E+00	1.97E+00	-4.31E-02	-3.23E+00
1090.12	214.10	5.38E+00	1.98E+00	9.60E-01	-3.10E-02
1183.39	65.17	8.41E+00	1.93E+00	9.52E-01	4.98E-01
1055.30	-577.42	1.00E+01	3.31E+00	5.20E-01	3.81E-01
-103.02	-518.78	6.07E+00	2.35E+00	9.80E-01	-4.60E-01
-1076.39	-488.67	5.35E+00	1.66E+00	5.60E-01	-2.55E+00
-4113.79	-1330.97	7.61E-01	4.99E-01	4.76E-02	-2.41E-01
-5050.04	-958.41	6.34E-01	2.89E-01	5.62E-02	-1.42E-01
-4023.97	-112.26	1.22E+00	3.59E-01	8.76E-02	-2.86E-01
-2122.34	995.23	1.56E+00	1.18E+00	1.31E-01	-5.67E-01
-2734.69	227.40	1.77E+00	5.03E-01	1.14E-01	-4.28E-01
-2371.11	-69.21	2.73E+00	1.07E+00	2.48E-01	-9.77E-01
-2146.26	177.17	3.21E+00	1.06E+00	2.62E-01	-7.54E-01
-1919.02	445.07	2.58E+00	1.78E+00	2.27E-01	-7.81E-01
-1651.12	607.72	4.34E+00	2.31E+00	3.71E-01	-1.24E+00
-3361.39	677.09	5.79E-01	4.03E-01	1.12E-01	-2.21E-01
-3026.51	724.93	9.92E-01	5.20E-01	1.32E-01	-2.68E-01
-1679.82	1478.41	2.69E+00	8.83E-01	1.50E-01	-7.61E-01
-922.86	446.42	9.40E+00	2.27E+00	5.23E-01	-2.30E+00
-1799.42	1088.51	2.54E+00	1.02E+00	1.75E-01	-7.27E-01
-359.36	1846.44	2.50E+00	8.24E-01	9.07E-02	-6.11E-01
671.30	-742.78	6.66E+00	1.75E+00	7.53E-01	4.87E-01
-1565.55	-932.22	2.51E+00	1.16E+00	2.23E-01	-9.38E-01
-1733.02	-528.24	3.45E+00	1.36E+00	2.61E-01	-1.28E+00
-1261.46	-507.67	5.28E+00	1.69E+00	4.92E-01	-2.25E+00
-883.92	-503.26	5.42E+00	1.78E+00	4.00E-01	-2.94E+00
1599.35	-1104.97	2.69E+00	1.85E+00	3.22E-01	2.54E-02
1608.16	-1382.63	3.44E+00	1.11E+00	2.70E-01	-6.28E-02
3517.15	-1425.27	2.27E+00	1.02E+00	1.36E-01	-4.93E-02
2959.77	-846.37	2.47E+00	1.22E+00	1.27E-01	-7.05E-02
3479.67	224.81	8.60E-01	7.06E-01	7.99E-02	-1.48E-01
44.43	1469.76	2.69E+00	1.05E+00	1.42E-01	-7.45E-01
3044.83	-34.00	1.25E+00	1.30E+00	1.52E-01	-3.90E-02
1088.00	-938.00	-	-	-	-
1647.00	-390.00	-	-	-	-
1650.00	-890.00	-	-	-	-
1430.00	215.00	-	-	-	-
1142.00	615.00	-	-	-	-
-333.00	-788.00	-	-	-	-
-42.00	-825.00	-	-	-	-
1900.00	-1175.00	-	-	-	-
1815.00	-1910.00	-	-	-	-
2575.00	-2650.00	-	-	-	-
2665.00	-2025.00	-	-	-	-
3480.00	-2025.00	-	-	-	-
2667.00	-1400.00	-	-	-	-
3400.00	-250.00	-	-	-	-
2577.00	-940.00	-	-	-	-
2404.00	-475.00	-	-	-	-
1577.00	291.00	-	-	-	-
2400.00	240.00	-	-	-	-
2600.00	1290.00	-	-	-	-
900.00	935.00	-	-	-	-
1375.00	1395.00	-	-	-	-

		Source Group: ROADWAYS + PARKING					Source Group: AIRCRAFT	
		Averaging Period: 8H					Averaging Period: AN	
		Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10	Pollutant: _SOX	Pollutant: _TOG
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	-3.29E-02	-5.26E-02	-5.25E-01	-3.27E+00	-8.11E-01	1.52E-01	1.21E-01
-1778.03	-291.29	-2.94E-02	-5.30E-02	-4.87E-01	-3.05E+00	-7.96E-01	1.33E-01	1.01E-01
-1732.28	175.05	-1.34E-02	-2.24E-02	-6.73E-02	-1.35E+00	-2.05E-01	1.33E-01	1.00E-01
-1579.43	347.93	-1.25E-02	-2.39E-02	-1.33E-01	-1.33E+00	-3.27E-01	1.49E-01	1.12E-01
-1525.43	516.64	-1.16E-02	-2.16E-02	-1.04E-01	-1.22E+00	-2.75E-01	1.14E-01	1.02E-01
-1332.88	500.04	-1.34E-02	-2.91E-02	-9.95E-02	-1.51E+00	-3.77E-01	2.33E-01	3.10E-01
-1140.45	476.30	-1.39E-02	-2.75E-02	-9.15E-02	-1.50E+00	-3.23E-01	4.83E-01	4.11E-01
-672.12	353.55	-1.56E-02	-3.86E-02	6.08E-02	-1.87E+00	-4.02E-01	4.29E-01	2.97E-01
-169.37	170.38	-1.49E-02	-2.75E-02	9.02E-03	-1.55E+00	-2.36E-01	6.55E-01	3.66E-01
-75.04	299.11	-1.33E-02	-2.60E-02	3.93E-02	-1.42E+00	-2.12E-01	4.16E-01	2.50E-01
49.15	527.20	-1.28E-02	-2.36E-02	5.88E-02	-1.33E+00	-6.90E-02	2.65E-01	1.66E-01
144.22	648.15	-1.26E-02	-2.10E-02	8.45E-02	-1.34E+00	4.00E-02	2.25E-01	1.42E-01
394.15	623.31	-1.73E-02	-1.99E-02	3.62E-01	-1.43E+00	5.54E-01	2.30E-01	1.37E-01
501.62	717.12	-3.79E-02	-3.77E-02	2.88E-01	-3.13E+00	5.47E-01	2.09E-01	1.23E-01
618.47	665.12	-2.68E-02	-2.65E-02	1.95E-01	-2.20E+00	4.23E-01	2.22E-01	1.24E-01
755.45	579.13	-1.96E-02	-1.94E-02	1.46E-01	-1.61E+00	2.87E-01	2.46E-01	1.28E-01
867.79	485.41	-1.98E-02	-1.99E-02	3.36E-01	-1.82E+00	5.30E-01	2.74E-01	1.35E-01
955.03	377.60	-1.93E-02	-1.96E-02	6.17E-01	-2.29E+00	7.11E-01	3.10E-01	1.47E-01
1331.68	-165.58	-2.99E-02	-3.08E-02	1.18E+00	-2.71E+00	1.49E+00	4.21E-01	2.94E-01
1406.74	-290.13	-2.63E-02	-2.65E-02	5.72E-01	-2.28E+00	7.77E-01	5.83E-01	4.15E-01
1456.20	-436.06	-5.50E-02	-5.58E-02	7.93E-01	-4.61E+00	1.24E+00	8.09E-01	6.96E-01
1209.21	-528.32	-6.42E-02	-6.50E-02	6.45E-01	-5.37E+00	1.15E+00	1.48E+00	1.34E+00
913.01	-694.67	-9.69E-02	-9.78E-02	1.89E+00	-8.03E+00	2.54E+00	1.01E+00	7.36E-01
717.24	-664.22	-9.00E-02	-8.94E-02	1.18E+00	-7.41E+00	1.68E+00	9.62E-01	6.96E-01
544.23	-594.35	-9.29E-02	-9.39E-02	1.07E+00	-7.64E+00	1.56E+00	9.52E-01	7.18E-01
338.12	-539.73	-9.13E-02	-9.60E-02	1.09E+00	-7.63E+00	1.49E+00	8.88E-01	7.09E-01
123.44	-529.45	-7.63E-02	-8.99E-02	1.22E+00	-6.48E+00	1.49E+00	7.84E-01	6.35E-01
-353.26	-515.05	-6.70E-02	-8.52E-02	-1.45E+00	-5.99E+00	-1.42E+00	6.06E-01	4.88E-01
-537.68	-487.80	-7.87E-02	-9.47E-02	-6.92E-01	-6.78E+00	-5.74E-01	5.60E-01	4.57E-01
-775.51	-486.07	-9.11E-02	-1.24E-01	-1.31E+00	-8.36E+00	-1.63E+00	4.84E-01	3.94E-01
-1414.44	-481.50	-6.32E-02	-8.67E-02	-6.29E-01	-5.84E+00	-8.95E-01	2.59E-01	2.20E-01
-1515.21	-320.18	-4.60E-02	-9.00E-02	-9.01E-01	-4.99E+00	-1.51E+00	2.48E-01	2.25E-01
-1749.69	-63.90	-2.12E-02	-3.51E-02	-2.62E-01	-2.12E+00	-5.05E-01	1.40E-01	1.06E-01
-920.57	426.17	-1.48E-02	-3.33E-02	-2.13E-02	-1.61E+00	-2.42E-01	4.34E-01	3.13E-01
-420.73	233.87	-1.82E-02	-4.50E-02	-9.14E-02	-2.19E+00	-6.35E-01	5.59E-01	3.55E-01
1090.12	214.10	-3.07E-02	-3.09E-02	8.85E-01	-5.29E+00	9.24E-01	3.55E-01	1.69E-01
1183.39	65.17	-2.48E-02	-2.57E-02	8.34E-01	-2.72E+00	1.04E+00	3.67E-01	2.02E-01
1055.30	-577.42	-6.69E-02	-6.76E-02	8.65E-01	-5.55E+00	1.37E+00	1.41E+00	1.09E+00
-103.02	-518.78	-7.16E-02	-9.47E-02	7.53E-01	-6.34E+00	8.71E-01	7.04E-01	5.66E-01
-1076.39	-488.67	-7.38E-02	-1.09E-01	-9.64E-01	-7.08E+00	-1.58E+00	3.87E-01	3.15E-01
-4113.79	-1330.97	-4.19E-03	-5.54E-03	4.34E-02	-3.85E-01	3.85E-02	1.76E-02	9.55E-03
-5050.04	-958.41	-4.17E-03	-5.40E-03	5.00E-02	-3.78E-01	4.97E-02	1.29E-02	6.14E-03
-4023.97	-112.26	-4.14E-03	-6.84E-03	2.10E-02	-4.16E-01	-1.53E-02	1.84E-02	9.10E-03
-2122.34	995.23	-5.93E-03	-9.87E-03	-1.39E-02	-6.05E-01	-7.22E-02	2.85E-02	1.82E-02
-2734.69	227.40	-6.33E-03	-1.02E-02	1.85E-02	-6.10E-01	-1.66E-02	3.54E-02	2.07E-02
-2371.11	-69.21	-9.31E-03	-1.38E-02	-1.01E-02	-8.83E-01	-5.57E-02	5.30E-02	3.13E-02
-2146.26	177.17	-9.35E-03	-1.68E-02	-1.42E-02	-9.62E-01	-1.34E-01	6.49E-02	4.10E-02
-1919.02	445.07	-8.64E-03	-1.38E-02	-6.62E-02	-8.55E-01	-1.34E-01	7.20E-02	4.65E-02
-1651.12	607.72	-9.71E-03	-1.70E-02	-5.63E-02	-1.00E+00	-1.65E-01	7.37E-02	5.60E-02
-3361.39	677.09	-4.67E-03	-7.36E-03	9.16E-03	-4.54E-01	-2.54E-02	2.06E-02	1.24E-02
-3026.51	724.93	-4.58E-03	-6.82E-03	2.59E-02	-4.32E-01	4.39E-03	2.27E-02	1.44E-02
-1679.82	1478.41	-6.46E-03	-1.07E-02	7.95E-03	-6.14E-01	-6.12E-03	3.93E-02	3.19E-02
-922.86	446.42	-1.45E-02	-3.25E-02	-1.72E-02	-1.57E+00	-2.29E-01	4.18E-01	3.04E-01
-1799.42	1088.51	-7.17E-03	-1.18E-02	-1.12E-02	-7.25E-01	-7.93E-02	3.72E-02	2.95E-02
-359.36	1846.44	-9.45E-03	-1.26E-02	1.24E-01	-8.10E-01	1.83E-01	7.76E-02	6.16E-02
671.30	-742.78	-3.76E-02	-3.83E-02	7.37E-01	-3.10E+00	9.57E-01	7.92E-01	5.81E-01
-1565.55	-932.22	-2.24E-02	-3.34E-02	4.71E-01	-2.08E+00	5.57E-01	1.49E-01	1.12E-01
-1733.02	-528.24	-3.46E-02	-5.05E-02	-1.52E-01	-3.23E+00	-2.94E-01	1.40E-01	1.08E-01
-1261.46	-507.67	-5.98E-02	-8.99E-02	-9.55E-01	-5.77E+00	-1.45E+00	3.12E-01	2.57E-01
-883.92	-503.26	-6.69E-02	-1.06E-01	-8.71E-01	-6.49E+00	-1.16E+00	4.40E-01	3.55E-01
1599.35	-1104.97	-3.87E-02	-3.95E-02	1.60E+00	-3.19E+00	1.98E+00	4.49E-01	3.42E-01
1608.16	-1382.63	-2.11E-02	-2.22E-02	5.02E-01	-1.77E+00	6.67E-01	3.32E-01	2.47E-01
3517.15	-1425.27	-8.94E-03	-1.11E-02	2.51E-01	-7.92E-01	2.79E-01	1.47E-01	1.00E-01
2959.77	-846.37	-1.15E-02	-1.24E-02	3.53E-01	-9.93E-01	4.37E-01	1.59E-01	1.04E-01
3479.67	224.81	-4.22E-03	-5.26E-03	9.85E-02	-3.82E-01	1.23E-01	3.37E-02	2.09E-02
44.43	1469.76	-1.10E-02	-1.62E-02	1.70E-01	-9.87E-01	2.52E-01	1.10E-01	8.06E-02
3044.83	-34.00	-5.89E-03	-7.88E-03	1.08E-01	-5.54E-01	1.35E-01	5.15E-02	3.20E-02
1088.00	-938.00	-	-	-	-	-	6.41E-01	4.85E-01
1647.00	-390.00	-	-	-	-	-	4.21E-01	2.74E-01
1650.00	-890.00	-	-	-	-	-	5.59E-01	4.37E-01
1430.00	215.00	-	-	-	-	-	2.05E-01	1.31E-01
1142.00	615.00	-	-	-	-	-	2.09E-01	1.07E-01
-333.00	-788.00	-	-	-	-	-	4.21E-01	3.22E-01
-42.00	-825.00	-	-	-	-	-	4.62E-01	3.56E-01
1900.00	-1175.00	-	-	-	-	-	3.69E-01	2.80E-01
1815.00	-1910.00	-	-	-	-	-	2.04E-01	1.48E-01
2575.00	-2650.00	-	-	-	-	-	1.19E-01	8.48E-02
2665.00	-2025.00	-	-	-	-	-	1.64E-01	1.20E-01
3480.00	-2025.00	-	-	-	-	-	1.37E-01	9.89E-02
2667.00	-1400.00	-	-	-	-	-	2.26E-01	1.65E-01
3400.00	-250.00	-	-	-	-	-	5.34E-02	3.32E-02
2577.00	-940.00	-	-	-	-	-	2.44E-01	1.67E-01
2404.00	-475.00	-	-	-	-	-	1.67E-01	1.04E-01
1577.00	291.00	-	-	-	-	-	1.58E-01	1.03E-01
2400.00	240.00	-	-	-	-	-	6.37E-02	3.93E-02
2600.00	1290.00	-	-	-	-	-	5.32E-02	2.99E-02
900.00	935.00	-	-	-	-	-	1.69E-01	9.25E-02
1375.00	1395.00	-	-	-	-	-	1.06E-01	6.03E-02

		Source Group: GSE		Source Group: ROADWAYS + PARKING				
		Averaging Period: AN		Averaging Period: AN				
		Pollutant: _PM10	Pollutant: _TOG	Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	2.62E-02	-9.37E-02	-3.38E-03	-3.87E-03	-5.11E-02	-2.97E-01	-5.30E-02
-1778.03	-291.29	2.01E-02	-7.34E-02	-2.19E-03	-2.60E-03	-3.24E-02	-1.95E-01	-3.58E-02
-1732.28	175.05	1.37E-02	-5.33E-02	-6.05E-04	-7.93E-04	-1.15E-03	-5.57E-02	-2.38E-03
-1579.43	347.93	1.44E-02	-5.63E-02	-5.80E-04	-7.89E-04	-1.69E-03	-5.41E-02	-3.48E-03
-1525.43	516.64	1.24E-02	-4.72E-02	-5.17E-04	-7.26E-04	-1.23E-03	-4.88E-02	-3.23E-03
-1332.88	500.04	2.50E-02	-9.25E-02	-6.69E-04	-1.06E-03	-3.19E-03	-6.62E-02	-8.55E-03
-1140.45	476.30	3.73E-02	-1.48E-01	-8.56E-04	-1.48E-03	-5.19E-03	-8.76E-02	-1.47E-02
-672.12	353.55	-1.08E-04	-2.97E-01	-1.45E-03	-2.77E-03	-6.31E-03	-1.54E-01	-2.77E-02
-169.37	170.38	6.46E-02	5.13E-02	-1.58E-03	-2.21E-03	9.86E-03	-1.48E-01	4.91E-03
-75.04	299.11	3.98E-02	4.92E-03	-1.54E-03	-2.04E-03	1.14E-02	-1.42E-01	9.51E-03
49.15	527.20	1.25E-02	-5.56E-02	-1.79E-03	-2.18E-03	1.42E-02	-1.60E-01	1.66E-02
144.22	648.15	4.92E-03	-6.81E-02	-2.33E-03	-2.64E-03	1.80E-02	-2.02E-01	2.49E-02
394.15	623.31	-9.71E-02	-4.67E-01	-3.62E-03	-3.83E-03	4.66E-02	-3.06E-01	6.89E-02
501.62	717.12	-3.36E-02	-2.03E-01	-9.21E-03	-9.38E-03	1.04E-01	-7.66E-01	1.65E-01
618.47	665.12	-1.77E-02	-1.42E-01	-6.19E-03	-6.32E-03	7.29E-02	-5.16E-01	1.19E-01
755.45	579.13	5.33E-03	-5.71E-02	-4.76E-03	-4.87E-03	6.71E-02	-3.99E-01	1.09E-01
867.79	485.41	2.30E-02	6.88E-04	-4.74E-03	-4.84E-03	7.81E-02	-4.01E-01	1.18E-01
955.03	377.60	3.56E-02	2.15E-02	-4.12E-03	-4.25E-03	8.70E-02	-3.69E-01	1.21E-01
1331.68	-165.58	1.37E-01	1.33E-01	-7.16E-03	-7.45E-03	2.77E-01	-6.25E-01	3.49E-01
1406.74	-290.13	7.26E-02	6.23E-02	-6.10E-03	-6.26E-03	1.46E-01	-5.27E-01	1.93E-01
1456.20	-436.06	4.73E-02	3.22E-02	-9.66E-03	-9.90E-03	1.70E-01	-8.18E-01	2.46E-01
1209.21	-528.32	5.40E-02	4.05E-02	-9.20E-03	-9.49E-03	1.45E-01	-7.81E-01	2.16E-01
913.01	-694.67	7.58E-02	7.58E-02	-2.74E-02	-2.78E-02	4.88E-01	-2.27E+00	6.48E-01
717.24	-664.22	9.71E-02	1.15E-01	-2.30E-02	-2.33E-02	1.86E-01	-1.91E+00	2.90E-01
544.23	-594.35	1.31E-01	1.87E-01	-2.57E-02	-2.60E-02	1.62E-01	-2.13E+00	2.73E-01
338.12	-539.73	2.28E-01	4.07E-01	-2.73E-02	-2.78E-02	1.89E-01	-2.27E+00	3.04E-01
123.44	-529.45	4.03E-01	8.16E-01	-2.17E-02	-2.29E-02	2.77E-01	-1.82E+00	3.60E-01
-353.26	-515.05	9.85E-02	-2.24E-01	-1.85E-02	-2.21E-02	-5.29E-01	-1.66E+00	-5.74E-01
-537.68	-487.80	3.79E-02	-5.16E-01	-1.88E-02	-2.44E-02	-7.32E-02	-1.71E+00	-1.21E-01
-775.51	-486.07	6.18E-02	-4.61E-01	-2.23E-02	-2.89E-02	-3.67E-01	-2.03E+00	-4.53E-01
-1414.44	-481.50	5.50E-02	-1.98E-01	-1.30E-02	-1.50E-02	-6.26E-02	-1.13E+00	-5.83E-02
-1515.21	-320.18	7.43E-02	-2.63E-01	-6.97E-03	-8.11E-03	-1.68E-01	-6.19E-01	-1.83E-01
-1749.69	-63.90	2.33E-02	-8.59E-02	-1.00E-03	-1.36E-03	-7.51E-03	-9.38E-02	-1.16E-02
-920.57	426.17	3.31E-02	-2.25E-01	-1.11E-03	-2.00E-03	-6.79E-03	-1.15E-01	-2.09E-02
-420.73	233.87	3.11E-03	-2.24E-01	-1.65E-03	-2.91E-03	5.91E-05	-1.69E-01	-1.88E-02
1090.12	214.10	7.99E-02	4.85E-02	-6.86E-03	-7.05E-03	2.32E-01	-9.78E-01	2.50E-01
1183.39	65.17	1.45E-01	1.09E-01	-7.49E-03	-7.79E-03	2.97E-01	-7.29E-01	3.65E-01
1055.30	-577.42	6.21E-02	5.32E-02	-9.90E-03	-1.02E-02	1.38E-01	-8.38E-01	2.05E-01
-103.02	-518.78	3.57E-01	6.01E-01	-1.99E-02	-2.20E-02	-1.17E-01	-1.71E+00	-9.53E-02
-1076.39	-488.67	8.10E-02	-3.50E-01	-1.77E-02	-2.42E-02	-2.60E-01	-1.64E+00	-3.54E-01
-4113.79	-1330.97	1.38E-03	-3.35E-03	-1.24E-04	-1.62E-04	1.06E-03	-1.13E-02	9.76E-04
-5050.04	-958.41	9.56E-04	-2.47E-03	-8.63E-05	-1.11E-04	7.59E-04	-7.86E-03	7.91E-04
-4023.97	-112.26	1.48E-03	-3.93E-03	-1.27E-04	-1.68E-04	8.37E-04	-1.17E-02	7.24E-04
-2122.34	995.23	2.02E-03	-7.56E-03	-2.10E-04	-2.58E-04	1.26E-03	-1.89E-02	1.53E-03
-2734.69	227.40	3.02E-03	-1.01E-02	-2.46E-04	-3.26E-04	1.42E-03	-2.26E-02	1.10E-03
-2371.11	-69.21	5.14E-03	-1.77E-02	-4.57E-04	-5.98E-04	1.36E-03	-4.17E-02	6.46E-04
-2146.26	177.17	5.81E-03	-2.15E-02	-3.96E-04	-5.29E-04	1.55E-03	-3.65E-02	8.59E-04
-1919.02	445.07	4.71E-03	-1.89E-02	-3.53E-04	-4.46E-04	1.36E-03	-3.20E-02	1.36E-03
-1651.12	607.72	7.08E-03	-2.74E-02	-4.10E-04	-5.44E-04	7.84E-06	-3.79E-02	-7.58E-04
-3361.39	677.09	1.54E-03	-4.74E-03	-1.29E-04	-1.69E-04	1.03E-03	-1.19E-02	1.01E-03
-3026.51	724.93	1.68E-03	-5.42E-03	-1.46E-04	-1.86E-04	1.26E-03	-1.33E-02	1.35E-03
-1679.82	1478.41	3.31E-03	-1.33E-02	-2.49E-04	-3.35E-04	3.35E-04	-2.31E-02	-5.19E-05
-922.86	446.42	3.16E-02	-2.11E-01	-1.08E-03	-1.93E-03	-6.39E-03	-1.12E-01	-1.97E-02
-1799.42	1088.51	3.28E-03	-1.31E-02	-2.67E-04	-3.46E-04	7.18E-04	-2.45E-02	5.84E-04
-359.36	1846.44	5.78E-03	-2.06E-02	-6.08E-04	-7.70E-04	1.81E-03	-5.47E-02	1.63E-03
671.30	-742.78	9.62E-02	1.05E-01	-8.25E-03	-8.87E-03	1.34E-01	-6.98E-01	1.67E-01
-1565.55	-932.22	1.94E-02	-7.00E-02	-4.28E-03	-5.05E-03	1.31E-01	-3.70E-01	1.59E-01
-1733.02	-528.24	2.02E-02	-7.05E-02	-7.45E-03	-7.80E-03	3.71E-03	-6.27E-01	2.83E-02
-1261.46	-507.67	6.68E-02	-2.53E-01	-1.18E-02	-1.60E-02	-1.74E-01	-1.09E+00	-2.35E-01
-883.92	-503.26	7.03E-02	-4.02E-01	-1.48E-02	-2.10E-02	-2.06E-01	-1.40E+00	-2.97E-01
1599.35	-1104.97	3.41E-02	1.09E-02	-9.38E-03	-9.82E-03	3.23E-01	-7.80E-01	3.98E-01
1608.16	-1382.63	2.85E-02	-1.33E-04	-5.76E-03	-6.15E-03	1.19E-01	-4.86E-01	1.52E-01
3517.15	-1425.27	8.55E-03	-5.67E-03	-7.54E-04	-8.54E-04	2.05E-02	-6.67E-02	2.57E-02
2959.77	-846.37	8.04E-03	-8.07E-03	-8.20E-04	-8.97E-04	2.12E-02	-7.37E-02	2.77E-02
3479.67	224.81	1.90E-03	-2.91E-03	-2.57E-04	-2.89E-04	5.59E-03	-2.28E-02	8.44E-03
44.43	1469.76	7.40E-03	-2.69E-02	-9.98E-04	-1.18E-03	5.91E-03	-8.76E-02	8.19E-03
3044.83	-34.00	2.34E-03	-5.43E-03	-4.47E-04	-4.90E-04	1.03E-02	-3.99E-02	1.51E-02
1088.00	-938.00	5.66E-02	3.73E-02	-5.53E-03	-6.02E-03	1.13E-01	-4.73E-01	1.41E-01
1647.00	-390.00	3.80E-02	1.69E-02	-1.46E-02	-1.51E-02	4.13E-01	-1.23E+00	5.59E-01
1650.00	-890.00	3.23E-02	1.21E-02	-1.68E-02	-1.74E-02	3.96E-01	-1.40E+00	5.44E-01
1430.00	215.00	1.80E-02	-5.82E-03	-1.26E-02	-1.31E-02	3.94E-01	-1.16E+00	5.17E-01
1142.00	615.00	2.35E-02	2.04E-02	-3.19E-03	-3.33E-03	7.66E-02	-3.02E-01	1.13E-01
-333.00	-788.00	7.25E-02	-8.07E-02	-5.07E-03	-7.21E-03	-2.35E-02	-4.77E-01	-4.80E-02
-42.00	-825.00	1.11E-01	7.12E-02	-4.60E-03	-6.19E-03	6.32E-03	-4.22E-01	-7.00E-03
1900.00	-1175.00	2.64E-02	4.17E-03	-4.41E-03	-4.77E-03	1.68E-01	-3.72E-01	2.07E-01
1815.00	-1910.00	1.75E-02	-7.77E-03	-1.70E-03	-2.00E-03	3.81E-02	-1.50E-01	4.54E-02
2575.00	-2650.00	9.55E-03	-7.29E-03	-7.99E-04	-9.68E-04	1.60E-02	-7.14E-02	1.88E-02
2665.00	-2025.00	1.33E-02	-7.49E-03	-1.12E-03	-1.35E-03	2.52E-02	-1.00E-01	2.94E-02
3480.00	-2025.00	1.04E-02	-5.78E-03	-8.28E-04	-9.90E-04	1.96E-02	-7.37E-02	2.31E-02
2667.00	-1400.00	1.54E-02	-3.24E-03	-1.58E-03	-1.77E-03	5.00E-02	-1.37E-01	6.12E-02
3400.00	-250.00	2.20E-03	-5.68E-03	-3.75E-04	-4.14E-04	7.88E-03	-3.40E-02	1.15E-02
2577.00	-940.00	1.31E-02	-4.95E-03	-1.52E-03	-1.65E-03	4.90E-02	-1.32E-01	6.25E-02
2404.00	-475.00	9.31E-03	-1.09E-02	-1.44E-03	-1.54E-03	4.55E-02	-1.29E-01	5.90E-02
1577.00	291.00	1.15E-02	-3.11E-03	-2.83E-03	-2.95E-03	7.98E-02	-2.60E-01	1.07E-01
2400.00	240.00	3.34E-03	-4.98E-03	-7.42E-04	-7.95E-04	1.74E-02	-6.50E-02	2.59E-02
2600.00	1290.00	3.80E-03	1.62E-04	-3.48E-04	-3.88E-04	8.54E-03	-3.11E-02	1.11E-02
900.00	935.00	7.00E-03	-2.66E-02	-2.34E-03	-2.48E-03	2.86E-02	-2.01E-01	1.26E-01
1375.00	1395.00	6.81E-03	-6.89E-03	-6.69E-04	-7.60E-04	1.36E-02	-6.20E-02	2.16E-02

		Source Group: AIRCRAFT		Source Group: GSE		Source Group: ROADWAYS + PARKING		
		Averaging Period: 1H		Averaging Period: 1H		Averaging Period: 1H		
		Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG	Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	1.40E+01	3.97E-01	-1.55E+00	-1.25E+01	-8.94E-02	-1.58E-01	-1.00E+00
-1778.03	-291.29	9.61E+00	4.10E-01	-1.77E+00	-1.52E+01	-9.22E-02	-1.85E-01	-1.34E+00
-1732.28	175.05	1.97E+01	1.62E+01	-1.95E+00	-1.89E+01	-3.90E-02	-8.37E-02	3.86E-01
-1579.43	347.93	2.25E+01	1.45E+01	-2.04E+00	-1.79E+01	-3.28E-02	-6.78E-02	-9.27E-02
-1525.43	516.64	2.06E+01	6.33E+00	-1.07E+00	-9.78E+00	-2.37E-02	-4.41E-02	2.61E-01
-1332.88	500.04	3.40E+01	5.93E+00	-1.07E+00	-9.87E+00	-2.12E-02	-4.95E-02	4.02E-01
-1140.45	476.30	2.74E+01	1.42E+01	-1.20E+00	-1.11E+01	-2.42E-02	-5.85E-02	4.38E-01
-672.12	353.55	1.42E+01	3.30E+00	-1.64E+00	-1.28E+01	-2.93E-02	-7.43E-02	5.13E-01
-169.37	170.38	2.16E+01	2.64E+00	-1.72E+00	-1.19E+01	-2.93E-02	-7.84E-02	4.73E-01
-75.04	299.11	8.18E+00	5.75E+00	-1.28E+00	-8.98E+00	-2.51E-02	-6.44E-02	2.78E-01
49.15	527.20	8.27E+00	5.83E+00	-1.64E+00	-9.13E+00	-2.04E-02	-5.04E-02	4.83E-01
144.22	648.15	7.10E+00	5.54E+00	-1.89E+00	-1.01E+01	-2.08E-02	-4.53E-02	6.31E-01
394.15	623.31	3.34E+00	5.72E+00	-1.69E+00	-9.23E+00	-3.11E-02	-4.14E-02	2.03E-01
501.62	717.12	3.53E+00	5.34E+00	-1.06E+00	-6.52E+00	-6.30E-02	-6.23E-02	4.05E-01
618.47	665.12	4.66E+00	5.55E+00	-1.55E+00	-8.27E+00	-5.24E-02	-5.18E-02	3.01E-01
755.45	579.13	9.12E+00	5.80E+00	-1.54E+00	-8.22E+00	-3.82E-02	-3.83E-02	3.19E-01
867.79	485.41	1.05E+01	5.90E+00	-1.52E+00	-7.79E+00	-3.73E-02	-3.78E-02	1.12E+00
955.03	377.60	7.31E+00	6.02E+00	-1.48E+00	-8.24E+00	-3.74E-02	-3.79E-02	1.21E+00
1331.68	-165.58	1.17E+01	4.36E+00	1.41E-02	-2.83E+00	-4.30E-02	-4.42E-02	1.69E+00
1406.74	-290.13	1.89E+01	9.01E+00	-9.76E-02	-3.00E+00	-4.01E-02	-4.03E-02	7.23E-01
1456.20	-436.06	3.47E+01	1.20E+01	1.85E-02	-2.46E+00	-8.96E-02	-9.08E-02	8.83E-01
1209.21	-528.32	1.39E+01	1.22E+01	4.58E-02	-2.34E+00	-1.07E-01	-1.08E-01	7.89E-01
913.01	-694.67	2.25E+01	3.35E+00	6.79E-02	-2.79E+00	-1.77E-01	-1.77E-01	-5.29E-01
717.24	-664.22	3.30E+01	3.38E+00	1.13E-01	-2.98E+00	-2.08E-01	-2.06E-01	1.47E+00
544.23	-594.35	2.93E+01	3.65E+00	2.63E-01	-3.11E+00	-1.98E-01	-1.96E-01	1.75E+00
338.12	-539.73	2.04E+01	3.44E+00	6.23E-01	-2.80E+00	-1.67E-01	-1.80E-01	1.26E+00
123.44	-529.45	1.26E+01	3.24E+00	3.35E-01	-4.33E+00	-1.46E-01	-1.49E-01	1.17E+00
-353.26	-515.05	1.23E+01	3.69E+00	-1.45E+00	-9.98E+00	-1.17E-01	-1.60E-01	-3.10E-01
-537.68	-487.80	1.14E+01	3.36E+00	-1.24E+00	-9.73E+00	-1.83E-01	-1.79E-01	-2.34E+00
-775.51	-486.07	1.21E+01	2.75E+00	-1.16E+00	-1.04E+01	-1.37E-01	-2.05E-01	-7.87E-01
-1414.44	-481.50	1.13E+01	1.26E+00	-1.19E+00	-1.08E+01	-1.48E-01	-1.79E-01	-1.07E+00
-1515.21	-320.18	1.48E+01	5.20E-01	-1.78E+00	-1.45E+01	-1.16E-01	-2.73E-01	-1.64E+00
-1749.69	-63.90	1.38E+01	1.81E+00	-3.22E+00	-2.82E+01	-7.28E-02	-1.44E-01	-5.86E-01
-920.57	426.17	1.90E+01	3.91E+00	-1.20E+00	-1.11E+01	-2.64E-02	-6.54E-02	4.69E-01
-420.73	233.87	2.16E+01	2.51E+00	-1.91E+00	-1.32E+01	-2.99E-02	-7.65E-02	5.43E-01
1090.12	214.10	1.28E+01	5.73E+00	-5.26E-01	-4.92E+00	-4.86E-02	-4.90E-02	9.04E-01
1183.39	65.17	1.96E+01	3.13E+00	7.25E-01	-2.59E+00	-3.74E-02	-4.38E-02	1.27E+00
1055.30	-577.42	2.28E+01	8.31E+00	8.90E-02	-2.46E+00	-1.44E-01	-1.46E-01	3.26E+00
-103.02	-518.78	1.19E+01	3.98E+00	-4.59E-01	-7.19E+00	-1.36E-01	-1.40E-01	1.66E+00
-1076.39	-488.67	1.66E+01	1.90E+00	-1.15E+00	-1.04E+01	-1.33E-01	-1.62E-01	-8.87E-01
-4113.79	-1330.97	3.51E+00	9.07E-01	-3.09E-01	-2.53E+00	-1.58E-02	-2.40E-02	1.44E-01
-5050.04	-958.41	3.17E+00	-2.00E-01	-2.16E-01	-1.99E+00	-1.60E-02	-1.88E-02	1.88E-01
-4023.97	-112.26	3.33E+00	1.64E+00	-3.85E-01	-3.49E+00	-1.81E-02	-2.97E-02	8.99E-02
-2122.34	995.23	1.36E+01	1.76E+00	-5.34E-01	-4.68E+00	-1.71E-02	-2.72E-02	2.41E-01
-2734.69	227.40	8.79E+00	5.67E+00	-5.69E-01	-5.42E+00	-3.38E-02	-5.78E-02	-8.94E-02
-2371.11	-69.21	7.08E+00	3.73E+00	-1.20E+00	-1.05E+01	-3.51E-02	-6.63E-02	-3.89E-01
-2146.26	177.17	1.28E+01	8.99E+00	-9.55E-01	-9.79E+00	-4.32E-02	-7.74E-02	5.78E-02
-1919.02	445.07	6.49E+00	7.95E+00	-1.32E+00	-1.20E+01	-2.95E-02	-5.80E-02	-1.33E-01
-1651.12	607.72	1.70E+01	4.34E+00	-9.70E-01	-8.43E+00	-2.21E-02	-4.03E-02	2.49E-01
-3361.39	677.09	3.51E+00	3.26E+00	-3.85E-01	-4.11E+00	-1.96E-02	-3.30E-02	2.03E-01
-3026.51	724.93	2.23E+00	2.57E+00	-4.08E-01	-4.23E+00	-1.89E-02	-3.13E-02	1.51E-01
-1679.82	1478.41	5.88E+00	4.09E+00	-4.32E-01	-3.81E+00	-1.26E-02	-2.26E-02	6.93E-02
-922.86	446.42	1.97E+01	5.08E+00	-1.26E+00	-1.10E+01	-2.58E-02	-6.36E-02	4.60E-01
-1799.42	1088.51	7.77E+00	4.98E+00	-6.36E-01	-5.37E+00	-1.44E-02	-2.78E-02	3.18E-01
-359.36	1846.44	5.23E+00	2.88E+00	-5.13E-01	-3.77E+00	-1.81E-02	-3.00E-02	2.50E-01
671.30	-742.78	2.85E+01	2.55E+00	8.74E-02	-2.92E+00	-7.77E-02	-7.76E-02	9.18E-01
-1565.55	-932.22	6.88E+00	1.28E+00	-7.19E-01	-6.42E+00	-4.11E-02	-6.74E-02	9.81E-01
-1733.02	-528.24	1.26E+01	9.42E-01	-1.14E+00	-9.48E+00	-7.97E-02	-1.34E-01	-1.84E-01
-1261.46	-507.67	1.46E+01	2.07E+00	-1.23E+00	-1.11E+01	-1.07E-01	-1.54E-01	-7.51E-01
-883.92	-503.26	1.51E+01	2.66E+00	-1.16E+00	-1.04E+01	-1.01E-01	-1.57E-01	-3.74E-01
1599.35	-1104.97	9.52E+00	2.81E+00	-7.26E-02	-2.00E+00	-6.62E-02	-6.71E-02	2.71E+00
1608.16	-1382.63	7.08E+00	1.47E+00	-9.10E-02	-1.90E+00	-3.99E-02	-4.01E-02	1.07E+00
3517.15	-1425.27	4.71E+00	2.64E+00	-6.38E-02	-1.19E+00	-1.89E-02	-2.49E-02	3.87E-01
2959.77	-846.37	1.04E+01	1.61E+00	-6.54E-02	-1.37E+00	-3.37E-02	-4.12E-02	8.91E-01
3479.67	224.81	2.74E+00	2.23E+00	-9.75E-02	-1.36E+00	-1.54E-02	-1.97E-02	2.26E-01
44.43	1469.76	5.09E+00	4.22E+00	-5.13E-01	-4.05E+00	-2.05E-02	-3.31E-02	3.50E-01
3044.83	-34.00	2.42E+00	3.17E+00	-1.52E-01	-1.83E+00	-1.93E-02	-2.19E-02	3.05E-01
1088.00	-938.00	-	-	-	-	-	-	-
1647.00	-390.00	-	-	-	-	-	-	-
1650.00	-890.00	-	-	-	-	-	-	-
1430.00	215.00	-	-	-	-	-	-	-
1142.00	615.00	-	-	-	-	-	-	-
-333.00	-788.00	-	-	-	-	-	-	-
-42.00	-825.00	-	-	-	-	-	-	-
1900.00	-1175.00	-	-	-	-	-	-	-
1815.00	-1910.00	-	-	-	-	-	-	-
2575.00	-2650.00	-	-	-	-	-	-	-
2665.00	-2025.00	-	-	-	-	-	-	-
3480.00	-2025.00	-	-	-	-	-	-	-
2667.00	-1400.00	-	-	-	-	-	-	-
3400.00	-250.00	-	-	-	-	-	-	-
2577.00	-940.00	-	-	-	-	-	-	-
2404.00	-475.00	-	-	-	-	-	-	-
1577.00	291.00	-	-	-	-	-	-	-
2400.00	240.00	-	-	-	-	-	-	-
2600.00	1290.00	-	-	-	-	-	-	-
900.00	935.00	-	-	-	-	-	-	-
1375.00	1395.00	-	-	-	-	-	-	-

				Source Group: AIRCRAFT		Source Group: GSE	
				Averaging Period: 8H		Averaging Period: 8H	
		Pollutant: -G_TOG	Pollutant: -TB_PM10	Pollutant: _SOX	Pollutant: _TOG	Pollutant: _PM10	Pollutant: _TOG
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	-8.66E+00	-1.43E+00	4.11E+00	1.56E+00	-5.58E-01	-4.50E+00
-1778.03	-291.29	-1.01E+01	-2.28E+00	4.51E+00	1.63E+00	-6.20E-01	-5.17E+00
-1732.28	175.05	-4.36E+00	-3.39E-01	5.70E+00	2.64E+00	-5.16E-01	-4.68E+00
-1579.43	347.93	-3.59E+00	-7.07E-01	3.98E+00	3.08E+00	-5.99E-01	-5.43E+00
-1525.43	516.64	-2.32E+00	5.95E-02	5.98E+00	2.99E+00	-5.48E-01	-4.97E+00
-1332.88	500.04	-2.43E+00	3.12E-01	9.35E+00	3.34E+00	-7.10E-01	-6.23E+00
-1140.45	476.30	-2.88E+00	1.16E-01	1.48E+01	3.08E+00	-6.85E-01	-6.02E+00
-672.12	353.55	-3.57E+00	-1.75E-01	8.32E+00	2.05E+00	-1.06E+00	-7.67E+00
-169.37	170.38	-3.68E+00	-7.34E-02	6.61E+00	1.87E+00	-5.21E-01	-3.72E+00
-75.04	299.11	-3.11E+00	-4.06E-01	3.56E+00	1.98E+00	-4.28E-01	-3.12E+00
49.15	527.20	-2.48E+00	4.91E-02	2.96E+00	1.81E+00	-6.45E-01	-3.56E+00
144.22	648.15	-2.14E+00	8.60E-01	2.64E+00	1.62E+00	-6.70E-01	-3.52E+00
394.15	623.31	-2.59E+00	7.70E-01	3.15E+00	1.63E+00	-1.12E+00	-5.30E+00
501.62	717.12	-5.19E+00	7.39E-01	3.11E+00	1.44E+00	-6.61E-01	-3.37E+00
618.47	665.12	-4.32E+00	5.74E-01	3.31E+00	1.43E+00	-5.31E-01	-2.75E+00
755.45	579.13	-3.89E+00	5.74E-01	3.91E+00	1.49E+00	-5.21E-01	-2.77E+00
867.79	485.41	-4.87E+00	1.23E+00	4.50E+00	1.66E+00	-2.40E-01	-1.92E+00
955.03	377.60	-5.58E+00	1.25E+00	4.77E+00	1.81E+00	-1.27E-01	-1.43E+00
1331.68	-165.58	-4.25E+00	2.13E+00	5.57E+00	2.14E+00	1.45E-01	-1.15E+00
1406.74	-290.13	-3.48E+00	1.01E+00	8.66E+00	3.26E+00	4.27E-02	-9.00E-01
1456.20	-436.06	-7.46E+00	1.59E+00	1.09E+01	7.04E+00	-4.17E-02	-8.75E-01
1209.21	-528.32	-8.94E+00	1.58E+00	1.22E+01	5.45E+00	4.48E-02	-9.21E-01
913.01	-694.67	-1.47E+01	1.34E-01	9.90E+00	2.09E+00	1.09E-01	-1.17E+00
717.24	-664.22	-1.71E+01	2.57E+00	7.79E+00	2.03E+00	1.63E-01	-1.29E+00
544.23	-594.35	-1.63E+01	2.77E+00	7.46E+00	2.63E+00	2.78E-01	-1.29E+00
338.12	-539.73	-1.38E+01	2.09E+00	6.28E+00	2.44E+00	4.09E-01	-1.44E+00
123.44	-529.45	-1.20E+01	1.90E+00	6.16E+00	2.36E+00	2.08E-01	-2.42E+00
-353.26	-515.05	-1.02E+01	1.54E-01	5.86E+00	2.22E+00	-5.86E-01	-4.89E+00
-537.68	-487.80	-1.52E+01	-1.65E+00	5.92E+00	2.06E+00	-7.44E-01	-5.53E+00
-775.51	-486.07	-1.32E+01	-1.59E+00	5.80E+00	1.90E+00	-9.15E-01	-6.71E+00
-1414.44	-481.50	-1.23E+01	-6.31E-01	4.29E+00	1.79E+00	-6.15E-01	-5.15E+00
-1515.21	-320.18	-1.33E+01	-3.43E+00	4.58E+00	2.05E+00	-7.67E-01	-6.60E+00
-1749.69	-63.90	-7.85E+00	-1.85E+00	4.86E+00	1.58E+00	-8.89E-01	-7.77E+00
-920.57	426.17	-3.19E+00	2.67E-02	9.60E+00	2.25E+00	-7.29E-01	-6.29E+00
-420.73	233.87	-3.69E+00	-3.99E-02	8.13E+00	1.97E+00	-8.67E-01	-5.67E+00
1090.12	214.10	-1.07E+01	1.28E+00	5.38E+00	1.98E+00	2.16E-01	-1.69E+00
1183.39	65.17	-4.65E+00	1.64E+00	8.41E+00	1.93E+00	1.53E-02	-1.87E+00
1055.30	-577.42	-1.19E+01	4.38E+00	1.00E+01	3.31E+00	4.26E-02	-1.03E+00
-103.02	-518.78	-1.12E+01	2.37E+00	6.07E+00	2.35E+00	-2.29E-01	-4.03E+00
-1076.39	-488.67	-1.11E+01	-4.36E-01	5.35E+00	1.66E+00	-7.51E-01	-6.43E+00
-4113.79	-1330.97	-1.47E+00	1.50E-01	7.61E-01	4.99E-01	-7.22E-02	-5.95E-01
-5050.04	-958.41	-1.39E+00	2.19E-01	6.34E-01	2.89E-01	-4.64E-02	-4.44E-01
-4023.97	-112.26	-1.80E+00	-5.69E-02	1.22E+00	3.59E-01	-9.00E-02	-8.10E-01
-2122.34	995.23	-1.58E+00	1.79E-01	1.56E+00	1.18E+00	-1.70E-01	-1.46E+00
-2734.69	227.40	-3.41E+00	-4.63E-01	1.77E+00	5.03E-01	-1.33E-01	-1.16E+00
-2371.11	-69.21	-3.69E+00	-6.12E-01	2.73E+00	1.07E+00	-2.97E-01	-2.59E+00
-2146.26	177.17	-4.43E+00	-4.78E-01	3.21E+00	1.06E+00	-2.35E-01	-2.22E+00
-1919.02	445.07	-3.17E+00	-6.78E-01	2.58E+00	1.78E+00	-2.40E-01	-2.16E+00
-1651.12	607.72	-2.14E+00	7.65E-02	4.34E+00	2.31E+00	-3.77E-01	-3.45E+00
-3361.39	677.09	-1.94E+00	3.70E-02	5.79E-01	4.03E-01	-7.29E-02	-7.69E-01
-3026.51	724.93	-1.87E+00	-1.58E-02	9.92E-01	5.20E-01	-8.84E-02	-9.21E-01
-1679.82	1478.41	-1.19E+00	1.45E-01	2.69E+00	8.83E-01	-2.22E-01	-1.86E+00
-922.86	446.42	-3.11E+00	4.66E-02	9.40E+00	2.27E+00	-6.81E-01	-5.87E+00
-1799.42	1088.51	-1.46E+00	3.98E-01	2.54E+00	1.02E+00	-2.17E-01	-1.89E+00
-359.36	1846.44	-1.77E+00	2.74E-01	2.50E+00	8.24E-01	-1.75E-01	-1.40E+00
671.30	-742.78	-6.41E+00	1.40E+00	6.66E+00	1.75E+00	4.35E-02	-1.61E+00
-1565.55	-932.22	-4.02E+00	9.45E-01	2.51E+00	1.16E+00	-2.81E-01	-2.43E+00
-1733.02	-528.24	-7.68E+00	3.40E-02	3.45E+00	1.36E+00	-3.75E-01	-3.16E+00
-1261.46	-507.67	-8.88E+00	-4.12E-01	5.28E+00	1.69E+00	-6.62E-01	-5.66E+00
-883.92	-503.26	-9.54E+00	-1.51E-02	5.42E+00	1.78E+00	-8.39E-01	-6.61E+00
1599.35	-1104.97	-5.49E+00	3.33E+00	2.69E+00	1.85E+00	-3.12E-02	-1.02E+00
1608.16	-1382.63	-3.43E+00	1.41E+00	3.44E+00	1.11E+00	-4.79E-02	-1.00E+00
3517.15	-1425.27	-1.70E+00	3.90E-01	2.27E+00	1.02E+00	-3.31E-02	-5.47E-01
2959.77	-846.37	-2.90E+00	1.08E+00	2.47E+00	1.22E+00	-4.16E-02	-5.53E-01
3479.67	224.81	-1.38E+00	2.22E-01	8.60E-01	7.06E-01	-5.40E-02	-5.35E-01
44.43	1469.76	-1.90E+00	4.90E-01	2.69E+00	1.05E+00	-2.17E-01	-1.81E+00
3044.83	-34.00	-1.64E+00	3.82E-01	1.25E+00	1.30E+00	-3.26E-02	-5.68E-01
1088.00	-938.00	-	-	-	-	-	-
1647.00	-390.00	-	-	-	-	-	-
1650.00	-890.00	-	-	-	-	-	-
1430.00	215.00	-	-	-	-	-	-
1142.00	615.00	-	-	-	-	-	-
-333.00	-788.00	-	-	-	-	-	-
-42.00	-825.00	-	-	-	-	-	-
1900.00	-1175.00	-	-	-	-	-	-
1815.00	-1910.00	-	-	-	-	-	-
2575.00	-2650.00	-	-	-	-	-	-
2665.00	-2025.00	-	-	-	-	-	-
3480.00	-2025.00	-	-	-	-	-	-
2667.00	-1400.00	-	-	-	-	-	-
3400.00	-250.00	-	-	-	-	-	-
2577.00	-940.00	-	-	-	-	-	-
2404.00	-475.00	-	-	-	-	-	-
1577.00	291.00	-	-	-	-	-	-
2400.00	240.00	-	-	-	-	-	-
2600.00	1290.00	-	-	-	-	-	-
900.00	935.00	-	-	-	-	-	-
1375.00	1395.00	-	-	-	-	-	-

		Source Group: ROADWAYS + PARKING					Source Group: AIRCRAFT	
		Averaging Period: 8H					Averaging Period: AN	
		Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10	Pollutant: _SOX	Pollutant: _TOG
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	-3.29E-02	-5.26E-02	-5.25E-01	-3.27E+00	-8.11E-01	1.52E-01	1.21E-01
-1778.03	-291.29	-2.94E-02	-5.30E-02	-4.87E-01	-3.05E+00	-7.96E-01	1.33E-01	1.01E-01
-1732.28	175.05	-1.34E-02	-2.24E-02	-6.73E-02	-1.35E+00	-2.05E-01	1.33E-01	1.00E-01
-1579.43	347.93	-1.25E-02	-2.39E-02	-1.33E-01	-1.33E+00	-3.27E-01	1.49E-01	1.12E-01
-1525.43	516.64	-1.16E-02	-2.16E-02	-1.04E-01	-1.22E+00	-2.75E-01	1.14E-01	1.02E-01
-1332.88	500.04	-1.34E-02	-2.91E-02	-9.95E-02	-1.51E+00	-3.77E-01	2.33E-01	3.10E-01
-1140.45	476.30	-1.39E-02	-2.75E-02	-9.15E-02	-1.50E+00	-3.23E-01	4.83E-01	4.11E-01
-672.12	353.55	-1.56E-02	-3.86E-02	6.08E-02	-1.87E+00	-4.02E-01	4.29E-01	2.97E-01
-169.37	170.38	-1.49E-02	-2.75E-02	9.02E-03	-1.55E+00	-2.36E-01	6.55E-01	3.66E-01
-75.04	299.11	-1.33E-02	-2.60E-02	3.93E-02	-1.42E+00	-2.12E-01	4.16E-01	2.50E-01
49.15	527.20	-1.28E-02	-2.36E-02	5.88E-02	-1.33E+00	-6.90E-02	2.65E-01	1.66E-01
144.22	648.15	-1.26E-02	-2.10E-02	8.45E-02	-1.34E+00	4.00E-02	2.25E-01	1.42E-01
394.15	623.31	-1.73E-02	-1.99E-02	3.62E-01	-1.43E+00	5.54E-01	2.30E-01	1.37E-01
501.62	717.12	-3.79E-02	-3.77E-02	2.88E-01	-3.13E+00	5.47E-01	2.09E-01	1.23E-01
618.47	665.12	-2.68E-02	-2.65E-02	1.95E-01	-2.20E+00	4.23E-01	2.22E-01	1.24E-01
755.45	579.13	-1.96E-02	-1.94E-02	1.46E-01	-1.61E+00	2.87E-01	2.46E-01	1.28E-01
867.79	485.41	-1.98E-02	-1.99E-02	3.36E-01	-1.82E+00	5.30E-01	2.74E-01	1.35E-01
955.03	377.60	-1.93E-02	-1.96E-02	6.17E-01	-2.29E+00	7.11E-01	3.10E-01	1.47E-01
1331.68	-165.58	-2.99E-02	-3.08E-02	1.18E+00	-2.71E+00	1.49E+00	4.21E-01	2.94E-01
1406.74	-290.13	-2.63E-02	-2.65E-02	5.72E-01	-2.28E+00	7.77E-01	5.83E-01	4.15E-01
1456.20	-436.06	-5.50E-02	-5.58E-02	7.93E-01	-4.61E+00	1.24E+00	8.09E-01	6.96E-01
1209.21	-528.32	-6.42E-02	-6.50E-02	6.45E-01	-5.37E+00	1.15E+00	1.48E+00	1.34E+00
913.01	-694.67	-9.69E-02	-9.78E-02	1.89E+00	-8.03E+00	2.54E+00	1.01E+00	7.36E-01
717.24	-664.22	-9.00E-02	-8.94E-02	1.18E+00	-7.41E+00	1.68E+00	9.62E-01	6.96E-01
544.23	-594.35	-9.29E-02	-9.39E-02	1.07E+00	-7.64E+00	1.56E+00	9.52E-01	7.18E-01
338.12	-539.73	-9.13E-02	-9.60E-02	1.09E+00	-7.63E+00	1.49E+00	8.88E-01	7.09E-01
123.44	-529.45	-7.63E-02	-8.99E-02	1.22E+00	-6.48E+00	1.49E+00	7.84E-01	6.35E-01
-353.26	-515.05	-6.70E-02	-8.52E-02	-1.45E+00	-5.99E+00	-1.42E+00	6.06E-01	4.88E-01
-537.68	-487.80	-7.87E-02	-9.47E-02	-6.92E-01	-6.78E+00	-5.74E-01	5.60E-01	4.57E-01
-775.51	-486.07	-9.11E-02	-1.24E-01	-1.31E+00	-8.36E+00	-1.63E+00	4.84E-01	3.94E-01
-1414.44	-481.50	-6.32E-02	-8.67E-02	-6.29E-01	-5.84E+00	-8.95E-01	2.59E-01	2.20E-01
-1515.21	-320.18	-4.60E-02	-9.00E-02	-9.01E-01	-4.99E+00	-1.51E+00	2.48E-01	2.25E-01
-1749.69	-63.90	-2.12E-02	-3.51E-02	-2.62E-01	-2.12E+00	-5.05E-01	1.40E-01	1.06E-01
-920.57	426.17	-1.48E-02	-3.33E-02	-2.13E-02	-1.61E+00	-2.42E-01	4.34E-01	3.13E-01
-420.73	233.87	-1.82E-02	-4.50E-02	-9.14E-02	-2.19E+00	-6.35E-01	5.59E-01	3.55E-01
1090.12	214.10	-3.07E-02	-3.09E-02	8.85E-01	-5.29E+00	9.24E-01	3.55E-01	1.69E-01
1183.39	65.17	-2.48E-02	-2.57E-02	8.34E-01	-2.72E+00	1.04E+00	3.67E-01	2.02E-01
1055.30	-577.42	-6.69E-02	-6.76E-02	8.65E-01	-5.55E+00	1.37E+00	1.41E+00	1.09E+00
-103.02	-518.78	-7.16E-02	-9.47E-02	7.53E-01	-6.34E+00	8.71E-01	7.04E-01	5.66E-01
-1076.39	-488.67	-7.38E-02	-1.09E-01	-9.64E-01	-7.08E+00	-1.58E+00	3.87E-01	3.15E-01
-4113.79	-1330.97	-4.19E-03	-5.54E-03	4.34E-02	-3.85E-01	3.85E-02	1.76E-02	9.55E-03
-5050.04	-958.41	-4.17E-03	-5.40E-03	5.00E-02	-3.78E-01	4.97E-02	1.29E-02	6.14E-03
-4023.97	-112.26	-4.14E-03	-6.84E-03	2.10E-02	-4.16E-01	-1.53E-02	1.84E-02	9.10E-03
-2122.34	995.23	-5.93E-03	-9.87E-03	-1.39E-02	-6.05E-01	-7.22E-02	2.85E-02	1.82E-02
-2734.69	227.40	-6.33E-03	-1.02E-02	1.85E-02	-6.10E-01	-1.66E-02	3.54E-02	2.07E-02
-2371.11	-69.21	-9.31E-03	-1.38E-02	-1.01E-02	-8.83E-01	-5.57E-02	5.30E-02	3.13E-02
-2146.26	177.17	-9.35E-03	-1.68E-02	-1.42E-02	-9.62E-01	-1.34E-01	6.49E-02	4.10E-02
-1919.02	445.07	-8.64E-03	-1.38E-02	-6.62E-02	-8.55E-01	-1.34E-01	7.20E-02	4.65E-02
-1651.12	607.72	-9.71E-03	-1.70E-02	-5.63E-02	-1.00E+00	-1.65E-01	7.37E-02	5.60E-02
-3361.39	677.09	-4.67E-03	-7.36E-03	9.16E-03	-4.54E-01	-2.54E-02	2.06E-02	1.24E-02
-3026.51	724.93	-4.58E-03	-6.82E-03	2.59E-02	-4.32E-01	4.39E-03	2.27E-02	1.44E-02
-1679.82	1478.41	-6.46E-03	-1.07E-02	7.95E-03	-6.14E-01	-6.12E-03	3.93E-02	3.19E-02
-922.86	446.42	-1.45E-02	-3.25E-02	-1.72E-02	-1.57E+00	-2.29E-01	4.18E-01	3.04E-01
-1799.42	1088.51	-7.17E-03	-1.18E-02	-1.12E-02	-7.25E-01	-7.93E-02	3.72E-02	2.95E-02
-359.36	1846.44	-9.45E-03	-1.26E-02	1.24E-01	-8.10E-01	1.83E-01	7.76E-02	6.16E-02
671.30	-742.78	-3.76E-02	-3.83E-02	7.37E-01	-3.10E+00	9.57E-01	7.92E-01	5.81E-01
-1565.55	-932.22	-2.24E-02	-3.34E-02	4.71E-01	-2.08E+00	5.57E-01	1.49E-01	1.12E-01
-1733.02	-528.24	-3.46E-02	-5.05E-02	-1.52E-01	-3.23E+00	-2.94E-01	1.40E-01	1.08E-01
-1261.46	-507.67	-5.98E-02	-8.99E-02	-9.55E-01	-5.77E+00	-1.45E+00	3.12E-01	2.57E-01
-883.92	-503.26	-6.69E-02	-1.06E-01	-8.71E-01	-6.49E+00	-1.16E+00	4.40E-01	3.55E-01
1599.35	-1104.97	-3.87E-02	-3.95E-02	1.60E+00	-3.19E+00	1.98E+00	4.49E-01	3.42E-01
1608.16	-1382.63	-2.11E-02	-2.22E-02	5.02E-01	-1.77E+00	6.67E-01	3.32E-01	2.47E-01
3517.15	-1425.27	-8.94E-03	-1.11E-02	2.51E-01	-7.92E-01	2.79E-01	1.47E-01	1.00E-01
2959.77	-846.37	-1.15E-02	-1.24E-02	3.53E-01	-9.93E-01	4.37E-01	1.59E-01	1.04E-01
3479.67	224.81	-4.22E-03	-5.26E-03	9.85E-02	-3.82E-01	1.23E-01	3.37E-02	2.09E-02
44.43	1469.76	-1.10E-02	-1.62E-02	1.70E-01	-9.87E-01	2.52E-01	1.10E-01	8.06E-02
3044.83	-34.00	-5.89E-03	-7.88E-03	1.08E-01	-5.54E-01	1.35E-01	5.15E-02	3.20E-02
1088.00	-938.00	-	-	-	-	-	6.41E-01	4.85E-01
1647.00	-390.00	-	-	-	-	-	4.21E-01	2.74E-01
1650.00	-890.00	-	-	-	-	-	5.59E-01	4.37E-01
1430.00	215.00	-	-	-	-	-	2.05E-01	1.31E-01
1142.00	615.00	-	-	-	-	-	2.09E-01	1.07E-01
-333.00	-788.00	-	-	-	-	-	4.21E-01	3.22E-01
-42.00	-825.00	-	-	-	-	-	4.62E-01	3.56E-01
1900.00	-1175.00	-	-	-	-	-	3.69E-01	2.80E-01
1815.00	-1910.00	-	-	-	-	-	2.04E-01	1.48E-01
2575.00	-2650.00	-	-	-	-	-	1.19E-01	8.48E-02
2665.00	-2025.00	-	-	-	-	-	1.64E-01	1.20E-01
3480.00	-2025.00	-	-	-	-	-	1.37E-01	9.89E-02
2667.00	-1400.00	-	-	-	-	-	2.26E-01	1.65E-01
3400.00	-250.00	-	-	-	-	-	5.34E-02	3.32E-02
2577.00	-940.00	-	-	-	-	-	2.44E-01	1.67E-01
2404.00	-475.00	-	-	-	-	-	1.67E-01	1.04E-01
1577.00	291.00	-	-	-	-	-	1.58E-01	1.03E-01
2400.00	240.00	-	-	-	-	-	6.37E-02	3.93E-02
2600.00	1290.00	-	-	-	-	-	5.32E-02	2.99E-02
900.00	935.00	-	-	-	-	-	1.69E-01	9.25E-02
1375.00	1395.00	-	-	-	-	-	1.06E-01	6.03E-02

		Source Group: GSE		Source Group: ROADWAYS + PARKING				
		Averaging Period: AN		Averaging Period: AN				
		Pollutant: _PM10	Pollutant: _TOG	Pollutant: -D_PM10	Pollutant: -D_TOG	Pollutant: -G_PM10	Pollutant: -G_TOG	Pollutant: -TB_PM10
X	Y	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL	2035A4-2018BL
-1710.89	-383.91	-2.84E-02	-2.55E-01	-3.38E-03	-3.87E-03	-5.11E-02	-2.97E-01	-5.30E-02
-1778.03	-291.29	-2.22E-02	-1.99E-01	-2.19E-03	-2.60E-03	-3.24E-02	-1.95E-01	-3.58E-02
-1732.28	175.05	-1.60E-02	-1.41E-01	-6.05E-04	-7.93E-04	-1.15E-03	-5.57E-02	-2.38E-03
-1579.43	347.93	-1.69E-02	-1.49E-01	-5.80E-04	-7.89E-04	-1.69E-03	-5.41E-02	-3.48E-03
-1525.43	516.64	-1.43E-02	-1.26E-01	-5.17E-04	-7.26E-04	-1.23E-03	-4.88E-02	-3.23E-03
-1332.88	500.04	-2.79E-02	-2.49E-01	-6.69E-04	-1.06E-03	-3.19E-03	-6.62E-02	-8.55E-03
-1140.45	476.30	-4.43E-02	-3.90E-01	-8.56E-04	-1.48E-03	-5.19E-03	-8.76E-02	-1.47E-02
-672.12	353.55	-8.03E-02	-5.34E-01	-1.45E-03	-2.77E-03	-6.31E-03	-1.54E-01	-2.77E-02
-169.37	170.38	5.60E-03	-1.24E-01	-1.58E-03	-2.21E-03	9.86E-03	-1.48E-01	4.91E-03
-75.04	299.11	-4.20E-03	-1.26E-01	-1.54E-03	-2.04E-03	1.14E-02	-1.42E-01	9.51E-03
49.15	527.20	-1.73E-02	-1.44E-01	-1.79E-03	-2.18E-03	1.42E-02	-1.60E-01	1.66E-02
144.22	648.15	-1.98E-02	-1.42E-01	-2.33E-03	-2.64E-03	1.80E-02	-2.02E-01	2.49E-02
394.15	623.31	-1.19E-01	-5.34E-01	-3.62E-03	-3.83E-03	4.66E-02	-3.06E-01	6.89E-02
501.62	717.12	-5.45E-02	-2.68E-01	-9.21E-03	-9.38E-03	1.04E-01	-7.66E-01	1.65E-01
618.47	665.12	-4.11E-02	-2.16E-01	-6.19E-03	-6.32E-03	7.29E-02	-5.16E-01	1.19E-01
755.45	579.13	-2.22E-02	-1.45E-01	-4.76E-03	-4.87E-03	6.71E-02	-3.99E-01	1.09E-01
867.79	485.41	-8.99E-03	-9.79E-02	-4.74E-03	-4.84E-03	7.81E-02	-4.01E-01	1.18E-01
955.03	377.60	-2.93E-03	-8.70E-02	-4.12E-03	-4.25E-03	8.70E-02	-3.69E-01	1.21E-01
1331.68	-165.58	3.29E-02	-9.28E-02	-7.16E-03	-7.45E-03	2.77E-01	-6.25E-01	3.49E-01
1406.74	-290.13	9.94E-03	-9.16E-02	-6.10E-03	-6.26E-03	1.46E-01	-5.27E-01	1.93E-01
1456.20	-436.06	1.67E-03	-8.89E-02	-9.66E-03	-9.90E-03	1.70E-01	-8.18E-01	2.46E-01
1209.21	-528.32	2.32E-03	-1.02E-01	-9.20E-03	-9.49E-03	1.45E-01	-7.81E-01	2.16E-01
913.01	-694.67	8.67E-03	-1.20E-01	-2.74E-02	-2.78E-02	4.88E-01	-2.27E+00	6.48E-01
717.24	-664.22	1.57E-02	-1.26E-01	-2.30E-02	-2.33E-02	1.86E-01	-1.91E+00	2.90E-01
544.23	-594.35	3.04E-02	-1.16E-01	-2.57E-02	-2.60E-02	1.62E-01	-2.13E+00	2.73E-01
338.12	-539.73	8.03E-02	-3.32E-02	-2.73E-02	-2.78E-02	1.89E-01	-2.27E+00	3.04E-01
123.44	-529.45	1.73E-01	1.36E-01	-2.17E-02	-2.29E-02	2.77E-01	-1.82E+00	3.60E-01
-353.26	-515.05	-7.21E-02	-7.29E-01	-1.85E-02	-2.21E-02	-5.29E-01	-1.66E+00	-5.74E-01
-537.68	-487.80	-1.44E-01	-1.05E+00	-1.88E-02	-2.44E-02	-7.32E-02	-1.71E+00	-1.21E-01
-775.51	-486.07	-1.32E-01	-1.03E+00	-2.23E-02	-2.89E-02	-3.67E-01	-2.03E+00	-4.53E-01
-1414.44	-481.50	-5.97E-02	-5.37E-01	-1.30E-02	-1.50E-02	-6.26E-02	-1.13E+00	-5.83E-02
-1515.21	-320.18	-7.96E-02	-7.19E-01	-6.97E-03	-8.11E-03	-1.68E-01	-6.19E-01	-1.83E-01
-1749.69	-63.90	-2.59E-02	-2.32E-01	-1.00E-03	-1.36E-03	-7.51E-03	-9.38E-02	-1.16E-02
-920.57	426.17	-6.46E-02	-5.14E-01	-1.11E-03	-2.00E-03	-6.79E-03	-1.15E-01	-2.09E-02
-420.73	233.87	-6.14E-02	-4.15E-01	-1.65E-03	-2.91E-03	5.91E-05	-1.69E-01	-1.88E-02
1090.12	214.10	9.29E-03	-1.07E-01	-6.86E-03	-7.05E-03	2.32E-01	-9.78E-01	2.50E-01
1183.39	65.17	3.19E-02	-1.21E-01	-7.49E-03	-7.79E-03	2.97E-01	-7.29E-01	3.65E-01
1055.30	-577.42	4.23E-03	-1.11E-01	-9.90E-03	-1.02E-02	1.38E-01	-8.38E-01	2.05E-01
-103.02	-518.78	1.21E-01	-9.89E-02	-1.99E-02	-2.20E-02	-1.17E-01	-1.71E+00	-9.53E-02
-1076.39	-488.67	-1.04E-01	-8.96E-01	-1.77E-02	-2.42E-02	-2.60E-01	-1.64E+00	-3.54E-01
-4113.79	-1330.97	-1.10E-03	-1.07E-02	-1.24E-04	-1.62E-04	1.06E-03	-1.13E-02	9.76E-04
-5050.04	-958.41	-8.03E-04	-7.65E-03	-8.63E-05	-1.11E-04	7.59E-04	-7.86E-03	7.91E-04
-4023.97	-112.26	-1.27E-03	-1.20E-02	-1.27E-04	-1.68E-04	8.37E-04	-1.17E-02	7.24E-04
-2122.34	995.23	-2.34E-03	-2.04E-02	-2.10E-04	-2.58E-04	1.26E-03	-1.89E-02	1.53E-03
-2734.69	227.40	-3.14E-03	-2.83E-02	-2.46E-04	-3.26E-04	1.42E-03	-2.26E-02	1.10E-03
-2371.11	-69.21	-5.43E-03	-4.89E-02	-4.57E-04	-5.98E-04	1.36E-03	-4.17E-02	6.46E-04
-2146.26	177.17	-6.56E-03	-5.81E-02	-3.96E-04	-5.29E-04	1.55E-03	-3.65E-02	8.59E-04
-1919.02	445.07	-5.72E-03	-4.97E-02	-3.53E-04	-4.46E-04	1.36E-03	-3.20E-02	1.36E-03
-1651.12	607.72	-8.29E-03	-7.28E-02	-4.10E-04	-5.44E-04	7.84E-06	-3.79E-02	-7.58E-04
-3361.39	677.09	-1.50E-03	-1.37E-02	-1.29E-04	-1.69E-04	1.03E-03	-1.19E-02	1.01E-03
-3026.51	724.93	-1.71E-03	-1.54E-02	-1.46E-04	-1.86E-04	1.26E-03	-1.33E-02	1.35E-03
-1679.82	1478.41	-4.00E-03	-3.49E-02	-2.49E-04	-3.35E-04	3.35E-04	-2.31E-02	-5.19E-05
-922.86	446.42	-6.07E-02	-4.84E-01	-1.08E-03	-1.93E-03	-6.39E-03	-1.12E-01	-1.97E-02
-1799.42	1088.51	-3.99E-03	-3.46E-02	-2.67E-04	-3.46E-04	7.18E-04	-2.45E-02	5.84E-04
-359.36	1846.44	-6.33E-03	-5.64E-02	-6.08E-04	-7.70E-04	1.81E-03	-5.47E-02	1.63E-03
671.30	-742.78	1.37E-02	-1.41E-01	-8.25E-03	-8.87E-03	1.34E-01	-6.98E-01	1.67E-01
-1565.55	-932.22	-2.12E-02	-1.90E-01	-4.28E-03	-5.05E-03	1.31E-01	-3.70E-01	1.59E-01
-1733.02	-528.24	-2.14E-02	-1.94E-01	-7.45E-03	-7.80E-03	3.71E-03	-6.27E-01	2.83E-02
-1261.46	-507.67	-7.59E-02	-6.75E-01	-1.18E-02	-1.60E-02	-1.74E-01	-1.09E+00	-2.35E-01
-883.92	-503.26	-1.17E-01	-9.55E-01	-1.48E-02	-2.10E-02	-2.06E-01	-1.40E+00	-2.97E-01
1599.35	-1104.97	-1.96E-03	-9.33E-02	-9.38E-03	-9.82E-03	3.23E-01	-7.80E-01	3.98E-01
1608.16	-1382.63	-4.08E-03	-9.49E-02	-5.76E-03	-6.15E-03	1.19E-01	-4.86E-01	1.52E-01
3517.15	-1425.27	-2.98E-03	-3.88E-02	-7.54E-04	-8.54E-04	2.05E-02	-6.67E-02	2.57E-02
2959.77	-846.37	-3.62E-03	-4.06E-02	-8.20E-04	-8.97E-04	2.12E-02	-7.37E-02	2.77E-02
3479.67	224.81	-1.11E-03	-1.16E-02	-2.57E-04	-2.89E-04	5.59E-03	-2.28E-02	8.44E-03
44.43	1469.76	-8.42E-03	-7.38E-02	-9.98E-04	-1.18E-03	5.91E-03	-8.76E-02	8.19E-03
3044.83	-34.00	-1.91E-03	-1.76E-02	-4.47E-04	-4.90E-04	1.03E-02	-3.99E-02	1.51E-02
1088.00	-938.00	1.93E-03	-1.21E-01	-5.53E-03	-6.02E-03	1.13E-01	-4.73E-01	1.41E-01
1647.00	-390.00	-1.95E-04	-8.12E-02	-1.46E-02	-1.51E-02	4.13E-01	-1.23E+00	5.59E-01
1650.00	-890.00	-1.67E-03	-8.48E-02	-1.68E-02	-1.74E-02	3.96E-01	-1.40E+00	5.44E-01
1430.00	215.00	-2.52E-03	-5.57E-02	-1.26E-02	-1.31E-02	3.94E-01	-1.16E+00	5.17E-01
1142.00	615.00	1.42E-03	-4.01E-02	-3.19E-03	-3.33E-03	7.66E-02	-3.02E-01	1.13E-01
-333.00	-788.00	-3.05E-02	-3.86E-01	-5.07E-03	-7.21E-03	-2.35E-02	-4.77E-01	-4.80E-02
-42.00	-825.00	5.61E-03	-2.42E-01	-4.60E-03	-6.19E-03	6.32E-03	-4.22E-01	-7.00E-03
1900.00	-1175.00	-2.77E-03	-8.01E-02	-4.41E-03	-4.77E-03	1.68E-01	-3.72E-01	2.07E-01
1815.00	-1910.00	-4.60E-03	-7.21E-02	-1.70E-03	-2.00E-03	3.81E-02	-1.50E-01	4.54E-02
2575.00	-2650.00	-3.36E-03	-4.50E-02	-7.99E-04	-9.68E-04	1.60E-02	-7.14E-02	1.88E-02
2665.00	-2025.00	-3.96E-03	-5.78E-02	-1.12E-03	-1.35E-03	2.52E-02	-1.00E-01	2.94E-02
3480.00	-2025.00	-3.11E-03	-4.50E-02	-8.28E-04	-9.90E-04	1.96E-02	-7.37E-02	2.31E-02
2667.00	-1400.00	-3.24E-03	-5.70E-02	-1.58E-03	-1.77E-03	5.00E-02	-1.37E-01	6.12E-02
3400.00	-250.00	-1.96E-03	-1.76E-02	-3.75E-04	-4.14E-04	7.88E-03	-3.40E-02	1.15E-02
2577.00	-940.00	-3.61E-03	-5.21E-02	-1.52E-03	-1.65E-03	4.90E-02	-1.32E-01	6.25E-02
2404.00	-475.00	-4.49E-03	-4.81E-02	-1.44E-03	-1.54E-03	4.55E-02	-1.29E-01	5.90E-02
1577.00	291.00	-1.85E-03	-3.75E-02	-2.83E-03	-2.95E-03	7.98E-02	-2.60E-01	1.07E-01
2400.00	240.00	-1.91E-03	-1.98E-02	-7.42E-04	-7.95E-04	1.74E-02	-6.50E-02	2.59E-02
2600.00	1290.00	-4.90E-04	-1.19E-02	-3.48E-04	-3.88E-04	8.54E-03	-3.11E-02	1.11E-02
900.00	935.00	-9.92E-03	-7.68E-02	-2.34E-03	-2.48E-03	2.86E-02	-2.01E-01	1.26E-01
1375.00	1395.00	-3.20E-03	-3.56E-02	-6.69E-04	-7.60E-04	1.36E-02	-6.20E-02	2.16E-02

		Phase: 1A1B						
		Source Group: Diesel Exhaust		Source Group: Fugitive		Source Group: Gasoline Exhaust		Source Group: Tire Wear / Brake Wear (TB)
		Averaging Period: 8HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: 8HR_1ST		Averaging Period: 8HR_1ST
		PM10	VOC	PM10	VOC	PM10	VOC	PM10
X	Y	2024	2024	2024	2024	2024	2024	2024
-1676.31	37.19	6.63E-01	2.13E+00	2.65E+00	4.92E-01	2.60E-04	1.39E-03	1.90E-02
-1665.73	-227.40	6.22E-01	1.98E+00	2.83E+00	4.51E-01	2.30E-04	1.23E-03	1.68E-02
-1680.55	-102.51	6.48E-01	2.07E+00	2.75E+00	5.03E-01	2.60E-04	1.36E-03	1.86E-02
-1492.16	-237.98	7.78E-01	2.47E+00	3.57E+00	5.68E-01	2.90E-04	1.52E-03	2.09E-02
-1098.46	24.49	1.11E+00	3.59E+00	3.88E+00	6.87E-01	4.30E-04	2.21E-03	2.97E-02
-1047.66	-125.80	1.64E+00	5.27E+00	5.79E+00	1.08E+00	6.10E-04	3.20E-03	4.35E-02
-785.20	-132.15	2.55E+00	8.38E+00	1.15E+01	1.40E+00	1.04E-03	5.26E-03	6.78E-02
-897.38	-85.58	1.94E+00	6.35E+00	7.16E+00	1.12E+00	8.00E-04	4.07E-03	5.29E-02
-848.70	18.14	1.70E+00	5.69E+00	6.98E+00	8.31E-01	7.70E-04	3.81E-03	4.77E-02
-666.66	-41.13	2.18E+00	7.27E+00	8.77E+00	1.09E+00	9.70E-04	4.80E-03	6.07E-02
-615.86	-166.02	3.41E+00	1.12E+01	1.22E+01	1.91E+00	1.37E-03	7.00E-03	9.08E-02
-797.90	-303.60	3.63E+00	1.15E+01	3.65E+01	3.34E+00	1.42E-03	7.37E-03	9.76E-02
-967.23	-390.38	3.58E+00	1.12E+01	1.78E+01	2.71E+00	1.37E-03	7.21E-03	9.66E-02
-795.78	-202.00	3.33E+00	1.09E+01	1.81E+01	2.15E+00	1.35E-03	7.03E-03	9.15E-02
-455.00	-89.81	3.28E+00	1.07E+01	1.15E+01	2.14E+00	1.31E-03	6.87E-03	8.99E-02
-488.86	-214.70	3.66E+00	1.18E+01	1.26E+01	2.37E+00	1.41E-03	7.42E-03	9.77E-02
-529.08	-356.52	3.33E+00	1.07E+01	1.13E+01	2.32E+00	1.29E-03	6.74E-03	8.80E-02
-647.61	-329.00	3.45E+00	1.11E+01	1.25E+01	2.34E+00	1.28E-03	6.82E-03	9.06E-02
-281.43	-142.73	3.28E+00	1.06E+01	1.10E+01	2.21E+00	1.26E-03	6.69E-03	8.83E-02
-319.53	-271.85	3.30E+00	1.06E+01	1.12E+01	2.25E+00	1.24E-03	6.57E-03	8.71E-02
-355.51	-390.38	3.22E+00	1.04E+01	1.02E+01	2.24E+00	1.19E-03	6.36E-03	8.48E-02
-126.91	-115.21	2.88E+00	9.25E+00	9.66E+00	2.00E+00	1.12E-03	5.95E-03	7.84E-02
-171.36	-263.38	3.21E+00	1.03E+01	1.07E+01	2.19E+00	1.21E-03	6.42E-03	8.50E-02
-205.23	-386.15	3.18E+00	1.02E+01	9.84E+00	2.17E+00	1.15E-03	6.16E-03	8.22E-02
31.84	-157.55	2.74E+00	8.81E+00	9.28E+00	1.93E+00	1.08E-03	5.72E-03	7.54E-02
-16.84	-295.13	2.98E+00	9.55E+00	9.98E+00	2.07E+00	1.12E-03	5.99E-03	7.91E-02
-54.94	-403.08	3.21E+00	1.03E+01	9.85E+00	2.17E+00	1.15E-03	6.18E-03	8.25E-02
169.42	-206.23	2.61E+00	8.36E+00	8.91E+00	1.85E+00	1.03E-03	5.47E-03	7.20E-02
120.74	-335.35	2.97E+00	9.49E+00	9.37E+00	2.06E+00	1.09E-03	5.86E-03	7.83E-02
99.57	-434.83	3.22E+00	1.03E+01	9.94E+00	2.19E+00	1.16E-03	6.24E-03	8.33E-02
518.67	-307.83	2.44E+00	7.80E+00	8.08E+00	1.78E+00	9.40E-04	5.06E-03	6.72E-02
290.07	-242.22	2.49E+00	7.97E+00	8.48E+00	1.77E+00	9.80E-04	5.19E-03	6.83E-02
249.86	-333.23	2.94E+00	9.42E+00	9.28E+00	2.04E+00	1.08E-03	5.81E-03	7.75E-02
366.27	-348.05	1.84E+00	5.88E+00	5.27E+00	1.16E+00	6.00E-04	3.22E-03	4.43E-02
260.44	-466.58	2.67E+00	8.55E+00	8.81E+00	1.94E+00	1.02E-03	5.49E-03	7.31E-02
472.11	-491.98	1.99E+00	6.37E+00	7.06E+00	1.55E+00	8.20E-04	4.38E-03	5.80E-02
683.77	-570.30	1.75E+00	5.59E+00	6.60E+00	1.45E+00	7.60E-04	4.06E-03	5.37E-02

R-D2 – Speciation Profiles and Toxicity Criteria

Substance	CAS Number	µg/m^3 Acute Inhalation	8-Hour Inhalation	Chronic Inhalation	Inhallation Unit Risk (µg/m^3)$^{-1}$ Cancer	Inhallation Cancer Potency Factor (mg/kg-d)$^{-1}$
ACETALDEHYDE	75-07-0	4.70E+02	3.00E+02	1.40E+02	2.70E-06	1.00E-02
ACETAMIDE	60-35-5	-	-	-	2.00E-05	7.00E-02
ACROLEIN	107-02-8	2.50E+00	7.00E-01	3.50E-01	-	-
ACRYLAMIDE	79-06-1	-	-	-	1.30E-03	4.50E+00
ACRYLIC ACID	79-10-7	6.00E+03	-	-	-	-
ACRYLONITRILE	107-13-1	-	-	5.00E+00	2.90E-04	1.00E+00
ALLYL CHLORIDE	107-05-1	-	-	-	6.00E-06	2.10E-02
2-AMINOANTHRAQUINONE	117-79-3	-	-	-	9.40E-06	3.30E-02
AMMONIA	7664-41-7	3.20E+03	-	2.00E+02	-	-
ANILINE	62-53-3	-	-	-	1.60E-06	5.70E-03
ARSENIC AND COMPOUNDS	7440-38-2	2.00E-01	1.50E-02	1.50E-02	3.30E-03	1.20E+01
ARSINE	7784-42-1	2.00E-01	1.50E-02	1.50E-02	-	-
ASBESTOS	1332-21-4	-	-	-	1.90E-04	2.20E+02
BENZENE	71-43-2	2.70E+01	3.00E+00	3.00E+00	2.90E-05	1.00E-01
BENZIDINE (AND ITS SALTS)	92-87-5	-	-	-	1.40E-01	5.00E+02
BENZYL CHLORIDE	100-44-7	2.40E+02	-	-	4.90E-05	1.70E-01
BERYLLIUM AND COMPOUNDS	7440-41-7	-	-	7.00E-03	2.40E-03	8.40E+00
BIS(2-CHLOROETHYL)ETHER	111-44-4	-	-	-	7.10E-04	2.50E+00
BIS(CHLOROMETHYL)ETHER	542-88-1	-	-	-	1.30E-02	4.60E+01
POTASSIUM BROMATE	7758-01-2	-	-	-	1.40E-04	4.90E-01
1,3-BUTADIENE	106-99-0	6.60E+02	9.00E+00	2.00E+00	1.70E-04	6.00E-01
CADMIUM AND COMPOUNDS	7440-43-9	-	-	2.00E-02	4.20E-03	1.50E+01
CAPROLACTAM	105-60-2	5.00E+01	7.00E+00	2.20E+00	-	-
CARBON DISULFIDE	75-15-0	6.20E+03	-	8.00E+02	-	-
CARBON MONOXIDE	630-08-0	2.30E+04	-	-	-	-
CARBON TETRACHLORIDE	56-23-5	1.90E+03	-	4.00E+01	4.20E-05	1.50E-01
CARBONYL SULFIDE	463-58-1	6.60E+02	1.00E+01	1.00E+01	-	-
CHLORINATED PARAFFINS	108171-26-2	-	-	-	2.50E-05	8.90E-02
CHLORINE	7782-50-5	2.10E+02	-	2.00E-01	-	-
CHLORINE DIOXIDE	10049-04-4	-	-	6.00E-01	-	-
4-CHLORO-O-PHENYLENEDIAMINE	95-83-0	-	-	-	4.60E-06	1.60E-02
CHLOROBENZENE	108-90-7	-	-	1.00E+03	-	-
CHLOROFORM	67-66-3	1.50E+02	-	3.00E+02	5.30E-06	1.90E-02
PENTACHLOROPHENOL	87-86-5	-	-	-	5.10E-06	1.80E-02
2,4,6-TRICHLOROPHENOL	88-06-2	-	-	-	2.00E-05	7.00E-02
CHLOROPICRIN	76-06-2	2.90E+01	-	4.00E-01	-	-
p-CHLORO-o-TOLUIDINE	95-69-2	-	-	-	7.70E-05	2.70E-01
CHROMIUM 6+	18540-29-9	-	-	2.00E-01	1.50E-01	5.10E+02
BARIUM CHROMATE	10294-40-3	-	-	2.00E-01	1.50E-01	5.10E+02
CALCIUM CHROMATE	13765-19-0	-	-	2.00E-01	1.50E-01	5.10E+02
LEAD CHROMATE	7758-97-6	-	-	2.00E-01	1.50E-01	5.10E+02
SODIUM DICHROMATE	10588-01-9	-	-	2.00E-01	1.50E-01	5.10E+02
STRONTIUM CHROMATE	7789-06-2	-	-	2.00E-01	1.50E-01	5.10E+02
CHROMIUM TRIOXIDE	1333-82-0	-	-	2.00E-03	1.50E-01	5.10E+02
COPPER AND COMPOUNDS	7440-50-8	1.00E+02	-	-	-	-
p-CRESIDINE	120-71-8	-	-	-	4.30E-05	1.50E-01
CRESOLS	1319-77-3	-	-	6.00E+02	-	-
m-CRESOL	108-39-4	-	-	6.00E+02	-	-
o-CRESOL	95-48-7	-	-	6.00E+02	-	-
p-CRESOL	106-44-5	-	-	6.00E+02	-	-
CUPFERRON	135-20-6	-	-	-	6.30E-05	2.20E-01
CYANIDE COMPOUNDS	57-12-5	3.40E+02	-	9.00E+00	-	-
HYDROGEN CYANIDE	74-90-8	3.40E+02	-	9.00E+00	-	-
2,4-DIAMINOANISOLE	615-05-4	-	-	-	6.60E-06	2.30E-02
2,4-DIAMINOTOLUENE	95-80-7	-	-	-	1.10E-03	4.00E+00
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	-	-	-	2.00E-03	7.00E+00
p-DICHLOROBENZENE	106-46-7	-	-	8.00E+02	1.10E-05	4.00E-02
3,3-DICHLOROBENZIDINE	91-94-1	-	-	-	3.40E-04	1.20E+00
1,1,-DICHLOROETHANE	75-34-3	-	-	-	1.60E-06	5.70E-03
DI(2-ETHYLHEXYL)PHTHALATE	117-81-7	-	-	-	2.40E-06	8.40E-03
DIETHANOLAMINE	111-42-2	-	-	3.00E+00	-	-
p-DIMETHYLAMINOAZOBENZENE	60-11-7	-	-	-	1.30E-03	4.60E+00
N,N-DIMETHYL FORMAMIDE	68-12-2	-	-	8.00E+01	-	-
2,4-DINITROTOLUENE	121-14-2	-	-	-	8.90E-05	3.10E-01
1,4-DIOXANE	123-91-1	3.00E+03	-	3.00E+03	7.70E-06	2.70E-02
EPICHLOROHYDRIN	106-89-8	1.30E+03	-	3.00E+00	2.30E-05	8.00E-02
1,2-EPOXYBUTANE	106-88-7	-	-	2.00E+01	-	-
ETHYL BENZENE	100-41-4	-	-	2.00E+03	2.50E-06	8.70E-03
ETHYL CHLORIDE	75-00-3	-	-	3.00E+04	-	-
ETHYLENE DIBROMIDE	106-93-4	-	-	8.00E-01	7.10E-05	2.50E-01
ETHYLENE DICHLORIDE	107-06-2	-	-	4.00E+02	2.10E-05	7.20E-02
ETHYLENE GLYCOL	107-21-1	-	-	4.00E+02	-	-
ETHYLENE OXIDE	75-21-8	-	-	3.00E+01	8.80E-05	3.10E-01
ETHYLENE THIOUREA	96-45-7	-	-	-	1.30E-05	4.50E-02
HYDROGEN FLUORIDE	7664-39-3	2.40E+02	-	1.40E+01	-	-
FORMALDEHYDE	50-00-0	5.50E+01	9.00E+00	9.00E+00	6.00E-06	2.10E-02
GLUTARALDEHYDE	111-30-8	-	-	8.00E-02	-	-
ETHYLENE GLYCOL BUTYL ETHER	111-76-2	4.70E+03	1.64E+02	8.20E+01	-	-
ETHYLENE GLYCOL ETHYL ETHER	110-80-5	3.70E+02	-	7.00E+01	-	-
ETHYLENE GLYCOL ETHYL ETHER ACETATE	111-15-9	1.40E+02	-	3.00E+02	-	-
ETHYLENE GLYCOL METHYL ETHER	109-86-4	9.30E+01	-	6.00E+01	-	-
ETHYLENE GLYCOL METHYL ETHER ACETATE	110-49-6	-	-	9.00E+01	-	-
HEXACHLOROBENZENE	118-74-1	-	-	-	5.10E-04	1.80E+00
HEXACHLOROCYCLOHEXANES	608-73-1	-	-	-	1.10E-03	4.00E+00
alpha-HEXACHLOROCYCLOHEXANE	319-84-6	-	-	-	1.10E-03	4.00E+00
beta-HEXACHLOROCYCLOHEXANE	319-85-7	-	-	-	1.10E-03	4.00E+00
qamma-HEXACHLOROCYCLOHEXANE	58-89-9	-	-	-	3.10E-04	1.10E+00
n-HEXANE	110-54-3	-	-	7.00E+03	-	-
HYDRAZINE	302-01-2	-	-	2.00E-01	4.90E-03	1.70E+01
HYDROCHLORIC ACID	7647-01-0	2.10E+03	-	9.00E+00	-	-
HYDROGEN SULFIDE	7783-06-4	4.20E+01	-	1.00E+01	-	-
ISOPHORONE	78-59-1	-	-	2.00E+03	-	-
ISOPROPYL ALCOHOL	67-63-0	3.20E+03	-	7.00E+03	-	-
LEAD AND COMPOUNDS	7439-92-1	-	-	-	1.20E-05	4.20E-02
LEAD ACETATE	301-04-2	-	-	-	1.20E-05	4.20E-02
LEAD PHOSPHATE	7446-27-7	-	-	-	1.20E-05	4.20E-02
LEAD SUBACETATE	1335-32-6	-	-	-	1.20E-05	4.20E-02
MALEIC ANHYDRIDE	108-31-6	-	-	7.00E-01	-	-
MANGANESE AND COMPOUNDS	7439-96-5	-	1.70E-01	9.00E-02	-	-
MERCURY AND COMPOUNDS	7439-97-6	6.00E-01	6.00E-02	3.00E-02	-	-
MERCURIC CHLORIDE	7487-94-7	6.00E-01	6.00E-02	3.00E-02	-	-
METHANOL	67-56-1	2.80E+04	-	4.00E+03	-	-
METHYL BROMIDE	74-83-9	3.90E+03	-	5.00E+00	-	-
METHYL tertiary-BUTYL ETHER	1634-04-4	-	-	8.00E+03	2.60E-07	1.80E-03
METHYL CHLOROFORM	71-55-6	6.80E+04	-	1.00E+03	-	-
METHYL ETHYL KETONE	78-93-3	1.30E+04	-	-	-	-
METHYL ISOCYANATE	624-83-9	-	-	1.00E+00	-	-
4,4'-METHYLENE BIS (2-CHLOROANILINE)	101-14-4	-	-	-	4.30E-04	1.50E+00
METHYLENE CHLORIDE	75-09-2	1.40E+04	-	4.00E+02	1.00E-06	3.50E-03
4,4'-METHYLENE DIANILINE	101-77-9	-	-	2.00E+01	4.60E-04	1.60E+00
METHYLENE DIPHENYL DIISOCYANATE	101-68-8	1.20E+01	1.60E-01	8.00E-02	-	-
MICHLER'S KETONE	90-94-8	-	-	-	2.50E-04	8.60E-01
N-NITROSODI-n-BUTYLAMINE	924-16-3	-	-	-	3.10E-03	1.10E+01
N-NITROSODI-n-PROPYLAMINE	621-64-7	-	-	-	2.00E-03	7.00E+00
N-NITROSODIETHYLAMINE	55-18-5	-	-	-	1.00E-02	3.60E+01
N-NITROSODIMETHYLAMINE	62-75-9	-	-	-	4.60E-03	1.60E+01
N-NITROSODIPHENYLAMINE	86-30-6	-	-	-	2.60E-06	9.00E-03
N-NITROSO-N-METHYLETHYLAMINE	10595-95-6	-	-	-	6.30E-03	2.20E+01
N-NITROSOMORPHOLINE	59-89-2	-	-	-	1.90E-03	6.70E+00
N-NITROSOPIPERIDINE	100-75-4	-	-	-	2.70E-03	9.40E+00
N-NITROSOPYRROLIDINE	930-55-2	-	-	-	6.00E-04	2.10E+00
NICKEL AND COMPOUNDS	7440-02-0	2.00E-01	6.00E-02	1.40E-02	2.60E-04	9.10E-01
NICKEL ACETATE	373-02-4	2.00E-01	6.00E-02	1.40E-02	2.60E-04	9.10E-01
NICKEL CARBONATE	3333-67-3	2.00E-01	6.00E-02	1.40E-02	2.60E-04	9.10E-01
NICKEL CARBONYL	13463-39-3	2.00E-01	6.00E-02	1.40E-02	2.60E-04	9.10E-01
NICKEL HYDROXIDE	12054-48-7	2.00E-01	6.00E-02	1.40E-02	2.60E-04	9.10E-01
NICKELOCENE	1271-28-9	2.00E-01	6.00E-02	1.40E-02	2.60E-04	9.10E-01
NICKEL OXIDE	1313-99-1	2.00E-01	6.00E-02	2.00E-02	2.60E-04	9.10E-01
NICKEL SUBSULFIDE	12035-72-2	2.00E-01	6.00E-02	1.40E-02	2.60E-04	9.10E-01
NITRIC ACID	7697-37-2	8.60E+01	-	-	-	-
NITROGEN DIOXIDE	10102-44-0	4.70E+02	-	-	-	-
p-NITROSODIPHENYLAMINE	156-10-5	-	-	-	6.30E-06	2.20E-02
OZONE	10028-15-6	1.80E+02	-	-	-	-
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES	[9901]			5.00E+00	3.00E-04	1.10E+00
PERCHLOROETHYLENETAC	127-18-4	2.00E+04	-	3.50E+01	6.10E-06	2.10E-02
PHENOL	108-95-2	5.80E+03	-	2.00E+02	-	-
PHOSGENE	75-44-5	4.00E+00	-	-	-	-
PHOSPHINE	7803-51-2	-	-	8.00E-01	-	-
PHOSPHORIC ACID	7664-38-2	-	-	7.00E+00	-	-
PHTHALIC ANHYDRIDE	85-44-9	-	-	2.00E+01	-	-
PCB (POLYCHLORINATED BIPHENYLS)	1336-36-3	-	-	-	5.70E-04	2.00E+00
3,3',4,4'-TETRACHLOROBIPHENYL	32598-13-3	-	-	4.00E-01	3.80E-03	1.30E+01
3,4,4',5-TETRACHLOROBIPHENYL	70362-50-4	-	-	1.30E-01	1.10E-02	3.90E+01
2,3,3',4,4'-PENTACHLOROBIPHENYL	32598-14-4	-	-	1.30E+00	1.10E-03	3.90E+00
2,3,4,4',5-PENTACHLOROBIPHENYL	74472-37-0	-	-	1.30E+00	1.10E-03	3.90E+00
2,3',4,4',5-PENTACHLOROBIPHENYL	31508-00-6	-	-	1.30E+00	1.10E-03	3.90E+00
2,3',4,4',5'-PENTACHLOROBIPHENYL	65510-44-3	-	-	1.30E+00	1.10E-03	3.90E+00

Substance	CAS Number	µg/m^3 Acute Inhalation	8-Hour Inhalation	Chronic Inhalation	Inhallation Unit Risk (µg/m^3)$^{-1}$ Cancer	Inhallation Cancer Potency Factor (mg/kg-d)$^{-1}$
3,3',4,4',5-PENTACHLOROBIPHENYL	57465-28-8	-	-	4.00E-04	3.80E+00	1.30E+04
2,3,3',4,4',5-HEXACHLOROBIPHENYL	38380-08-4	-	-	1.30E+00	1.10E-03	3.90E+00
2,3,3',4,4',5'-HEXACHLOROBIPHENYL	69782-90-7	-	-	1.30E+00	1.10E-03	3.90E+00
2,3',4,4',5,5'-HEXACHLOROBIPHENYL	52663-72-6	-	-	1.30E+00	1.10E-03	3.90E+00
3,3',4,4',5,5'-HEXACHLOROBIPHENYL	32774-16-6	-	-	1.30E-03	1.10E+00	3.90E+03
2,3,3',4,4',5,5'-HEPTACHLOROBIPHENYL	39635-31-9	-	-	1.30E+00	1.10E-03	3.90E+00
2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN	1746-01-6	-	-	4.00E-05	3.80E+01	1.30E+05
1,2,3,7,8-PENTACHLORODIBENZO-P-DIOXIN	40321-76-4	-	-	4.00E-05	3.80E+01	1.30E+05
1,2,3,4,7,8-HEXACHLORODIBENZO-P-DIOXIN	39227-28-6	-	-	4.00E-04	3.80E+00	1.30E+04
1,2,3,6,7,8-HEXACHLORODIBENZO-P-DIOXIN	57653-85-7	-	-	4.00E-04	3.80E+00	1.30E+04
1,2,3,7,8,9-HEXACHLORODIBENZO-P-DIOXIN	19408-74-3	-	-	4.00E-04	3.80E+00	1.30E+04
1,2,3,4,6,7,8-HEPTACHLORODIBENZO-P-DIOXIN	35822-46-9	-	-	4.00E-03	3.80E-01	1.30E+03
1,2,3,4,6,7,8,9-OCTACHLORODIBENZO-P-DIOXIN	3268-87-9	-	-	1.30E-01	1.10E-02	3.90E+01
2,3,7,8-TETRACHLORODIBENZOFURAN	5120-73-19			4.00E-04	3.80E+00	1.30E+04
1,2,3,7,8-PENTACHLORODIBENZOFURAN	57117-41-6	-	-	1.30E-03	1.10E+00	3.90E+03
2,3,4,7,8-PENTACHLORODIBENZOFURAN	57117-31-4	-	-	1.30E-04	1.10E+01	3.90E+04
1,2,3,4,7,8-HEXACHLORODIBENZOFURAN	70648-26-9	-	-	4.00E-04	3.80E+00	1.30E+04
1,2,3,6,7,8-HEXACHLORODIBENZOFURAN	57117-44-9	-	-	4.00E-04	3.80E+00	1.30E+04
1,2,3,7,8,9-HEXACHLORODIBENZOFURAN	72918-21-9	-	-	4.00E-04	3.80E+00	1.30E+04
2,3,4,6,7,8-HEXACHLORODIBENZOFURAN	60851-34-5	-	-	4.00E-04	3.80E+00	1.30E+04
1,2,3,4,6,7,8-HEPTACHLORODIBENZOFURAN	67562-39-4	-	-	4.00E-03	3.80E-01	1.30E+03
1,2,3,4,7,8,9-HEPTACHLORODIBENZOFURAN	55673-89-7	-	-	4.00E-03	3.80E-01	1.30E+03
1,2,3,4,6,7,8,9-OCTACHLORODIBENZOFURAN	39001-02-0	-	-	1.30E-01	1.10E-02	3.90E+01
BENZ(A)ANTHRACENE	56-55-3	-	-	-	1.10E-04	3.90E-01
BENZO(A)PYRENE	50-32-8	-	-	-	1.10E-03	3.90E+00
BENZO(B)FLUORANTHENE	205-99-2	-	-	-	1.10E-04	3.90E-01
BENZO(J)FLUORANTHENE	205-82-3	-	-	-	1.10E-04	3.90E-01
BENZO(K)FLUORANTHENE	207-08-9	-	-	-	1.10E-04	3.90E-01
CHRYSENE	218-01-9	-	-	-	1.10E-05	3.90E-02
DIBENZ(A,H)ACRIDINE	226-36-8	-	-	-	1.10E-04	3.90E-01
DIBENZ(A,H)ANTHRACENE	53-70-3	-	-	-	1.20E-03	4.10E+00
DIBENZ(A,J)ACRIDINE	224-42-0	-	-	-	1.10E-04	3.90E-01
DIBENZO(A,E)PYRENE	192-65-4	-	-	-	1.10E-03	3.90E+00
DIBENZO(A,H)PYRENE	189-64-0	-	-	-	1.10E-02	3.90E+01
DIBENZO(A,I)PYRENE	189-55-9	-	-	-	1.10E-02	3.90E+01
DIBENZO(A,L)PYRENE	191-30-0	-	-	-	1.10E-02	3.90E+01
7H-DIBENZO(C,G)CARBAZOLE	194-59-2	-	-	-	1.10E-03	3.90E+00
7,12-DIMETHYLBENZ(A)ANTHRACENE	57-97-6	-	-	-	7.10E-02	2.50E+02
1,6-DINITROPYRENE	42397-64-8	-	-	-	1.10E-02	3.90E+01
1,8-DINITROPYRENE	42397-65-9	-	-	-	1.10E-03	3.90E+00
INDENO(1,2,3-C,D)PYRENE	193-39-5	-	-	-	1.10E-04	3.90E-01
3-METHYLCHOLANTHRENE	56-49-5	-	-	-	6.30E-03	2.20E+01
5-METHYLCHRYSENE	3697-24-3	-	-	-	1.10E-03	3.90E+00
NAPHTHALENE	91-20-3	-	-	9.00E+00	3.40E-05	1.20E-01
5-NITROACENAPHTHENE	602-87-9	-	-	-	3.70E-05	1.30E-01
6-NITROCHRYSENE	7496-02-8	-	-	-	1.10E-02	3.90E+01
2-NITROFLUORENE	607-57-8	-	-	-	1.10E-05	3.90E-02
1-NITROPYRENE	5522-43-0	-	-	-	1.10E-04	3.90E-01
4-NITROPYRENE	57835-92-4	-	-	-	1.10E-04	3.90E-01
1,3-PROPANE SULTONE	1120-71-4	-	-	-	6.90E-04	2.40E+00
PROPYLENE	115-07-1	-	-	3.00E+03	-	-
PROPYLENE GLYCOL MONOMETHYL ETHER	107-98-2	-	-	7.00E+03	-	-
PROPYLENE OXIDE	75-56-9	3.10E+03	-	3.00E+01	3.70E-06	1.30E-02
SELENIUM AND COMPOUNDS	7782-49-2	-	-	2.00E+01	-	-
HYDROGEN SELENIDE	7783-07-5	5.00E+00	-	-	-	-
SELENIUM SULFIDE	7446-34-6	-	-	2.00E+01	-	-
SILICA	[1175]			3.00E+00		
SODIUM HYDROXIDE	1310-73-2	8.00E+00	-	-	-	-
STYRENE	100-42-5	2.10E+04	-	9.00E+02	-	-
SULFATES	[9960]	1.20E+02				
SULFUR DIOXIDE	7446-09-5	6.60E+02	-	-	-	-
SULFURIC ACID	7664-93-9	1.20E+02	-	1.00E+00	-	-
SULFUR TRIOXIDE	7446-71-9	1.20E+02	-	1.00E+00	-	-
OLEUM	8014-95-7	1.20E+02	-	-	-	-
1,1,2,2-TETRACHLOROETHANE	79-34-5	-	-	-	5.80E-05	2.00E-01
THIOACETAMIDE	62-55-5	-	-	-	1.70E-03	6.10E+00
TOLUENE	108-88-3	3.70E+04	-	3.00E+02	-	-
TOLUENE DIISOCYANTATES	26471-62-5	2.00E+00	1.50E-02	8.00E-03	1.10E-05	3.90E-02
TOLUENE-2,4-DIISOCYANATE	584-84-9	2.00E+00	1.50E-02	8.00E-03	1.10E-05	3.90E-02
TOLUENE-2,6-DIISOCYANATE	91-08-7	2.00E+00	1.50E-02	8.00E-03	1.10E-05	3.90E-02
1,1,2-TRICHLOROETHANE	79-00-5	-	-	-	1.60E-05	5.70E-02
TRICHLOROETHYLENE	79-01-6	-	-	6.00E+02	2.00E-06	7.00E-03
TRIETHYLAMINE	121-44-8	2.80E+03	-	2.00E+02	-	-
URETHANE	51-79-6				2.90E-04	1.00E+00
VANADIUM	7440-62-2	3.00E+01	-	-	-	-
VANADIUM PENTOXIDE	1314-62-1	3.00E+01	-	-	-	-
VINYL ACETATE	108-05-4	-	-	2.00E+02	-	-
VINYL CHLORIDE	75-01-4	1.80E+05	-	-	7.80E-05	2.70E-01
VINYLIDENE CHLORIDE	75-35-4	-	-	7.00E+01	-	-
XYLENES (mixed isomers)	1330-20-7	2.20E+04	-	7.00E+02	-	-
m-XYLENE	108-38-3	2.20E+04	-	7.00E+02	-	-
o-XYLENE	95-47-6	2.20E+04	-	7.00E+02	-	-
p-XYLENE	106-42-3	2.20E+04	-	7.00E+02	-	-

Aircraft Engine Emissions (Special)		*TAC speciation by fuel weight fraction from* Shumway, 2000; Table ES-1, Jet A Concentration of Following Compounds (µg/m3)			
SO_2 Exhaust	Effective Fuel Dispersion	Chromium	Copper	Lead	Manganese
Concentrations (µg/m^3) Averaging Period (1-hr/8-hr/-An)	Concentrations (µg/m^3 fuel) Averaging Period (1-hr/8-hr/-An)	ppb of fuel 26	ppb of fuel 5	ppb of fuel 11	ppb of fuel 6
= [[Concentration SOx]]	= [[Concentraiton Sox]] / 0.0011712	= [[Effective Fuel Dispersion]] * [[ppb of fuel for compound]] / 1000000000	= [[Effective Fuel Dispersion]] * [[ppb of fuel for compound]] / 1000000000	= [[Effective Fuel Dispersion]] * [[ppb of fuel for compound]] / 1000000000	= [[Effective Fuel Dispersion]] * [[ppb of fuel for compound]] / 1000000000

AEDT2d Technical Manual, p208 - 5.1.1.3 Sulfur Approximation
1.1712 g SOx per kg Fuel
1 g Fuel = 0.0011712 g SOx

PM PROFILE NUMBER	SAROAD	WEIGHT FRACTION OF PM10	PM PROFILE NAME	SPECIES	CAS
400	12109	0.0005	GASOLINE VEHICLES-CATALYST	bromine	7726-95-6
400	12111	0.0055	GASOLINE VEHICLES-CATALYST	calcium	7440-70-2
400	12112	0.0005	GASOLINE VEHICLES-CATALYST	chromium	7440-47-3
400	12113	0.0005	GASOLINE VEHICLES-CATALYST	cobalt	7440-48-4
400	12114	0.0005	GASOLINE VEHICLES-CATALYST	copper	7440-50-8
400	12115	0.07	GASOLINE VEHICLES-CATALYST	chlorine	7782-50-5
400	12116	0.2	GASOLINE VEHICLES-CATALYST	elem carbon	7440-44-0
400	12126	0.0005	GASOLINE VEHICLES-CATALYST	iron	7439-89-6
400	12132	0.0005	GASOLINE VEHICLES-CATALYST	manganese	7439-96-5
400	12136	0.0005	GASOLINE VEHICLES-CATALYST	nickel	7440-02-0
400	12167	0.0005	GASOLINE VEHICLES-CATALYST	zinc	7440-66-6
400	12180	0.0055	GASOLINE VEHICLES-CATALYST	potassium	7440-09-7
400	12306	0.0055	GASOLINE VEHICLES-CATALYST	nitrates	14797-55-8
400	12403	0.45	GASOLINE VEHICLES-CATALYST	sulfates	14808-79-8
400	12999	0.2595	GASOLINE VEHICLES-CATALYST	other	9999-99-9
420	11102	0.057162	CONSTRUCTION DUST	organic compound	9999-99-9
420	12000	0.420364	CONSTRUCTION DUST	unknown	9999-99-9
420	12101	0.094913	CONSTRUCTION DUST	aluminum	7429-90-5
420	12102	0.000019	CONSTRUCTION DUST	antimony	7440-36-0
420	12103	0.000024	CONSTRUCTION DUST	arsenic	7440-38-2
420	12107	0.000952	CONSTRUCTION DUST	barium	7440-39-3
420	12109	0.000035	CONSTRUCTION DUST	bromine	7726-95-6
420	12110	0.000039	CONSTRUCTION DUST	cadmium	7440-43-9
420	12111	0.040304	CONSTRUCTION DUST	calcium	7440-70-2
420	12112	0.000262	CONSTRUCTION DUST	chromium	7440-47-3
420	12113	0.000135	CONSTRUCTION DUST	cobalt	7440-48-4
420	12114	0.000138	CONSTRUCTION DUST	copper	7440-50-8
420	12115	0.00425	CONSTRUCTION DUST	chlorine	7782-50-5
420	12116	0.005412	CONSTRUCTION DUST	elem carbon	7440-44-0
420	12124	0.000008	CONSTRUCTION DUST	gallium	7440-55-3
420	12126	0.059254	CONSTRUCTION DUST	iron	7439-89-6
420	12128	0.000701	CONSTRUCTION DUST	lead	7439-92-1
420	12131	0.000031	CONSTRUCTION DUST	indium	7440-74-6
420	12132	0.00115	CONSTRUCTION DUST	manganese	7439-96-5
420	12134	0.000008	CONSTRUCTION DUST	molybdenum	7439-98-7
420	12136	0.000076	CONSTRUCTION DUST	nickel	7440-02-0
420	12142	0.00002	CONSTRUCTION DUST	mercury	7439-97-6
420	12146	0.000074	CONSTRUCTION DUST	lanthanum	7439-91-0
420	12151	0.000009	CONSTRUCTION DUST	palladium	7440-05-3
420	12152	0.001979	CONSTRUCTION DUST	phosphorus	7723-14-0
420	12154	0.000003	CONSTRUCTION DUST	selenium	7782-49-2
420	12160	0.000041	CONSTRUCTION DUST	tin	7440-31-5
420	12161	0.005747	CONSTRUCTION DUST	titanium	7440-32-6
420	12164	0.000331	CONSTRUCTION DUST	vanadium (fume or dust)	7440-62-2
420	12165	0.244	CONSTRUCTION DUST	silicon	7440-21-3
420	12166	0.00001	CONSTRUCTION DUST	silver	7440-22-4
420	12167	0.000664	CONSTRUCTION DUST	zinc	7440-66-6
420	12168	0.000398	CONSTRUCTION DUST	strontium	7440-24-6
420	12169	0.003715	CONSTRUCTION DUST	sulfur	7704-34-9
420	12176	0.000163	CONSTRUCTION DUST	rubidium	7440-17-7
420	12180	0.022941	CONSTRUCTION DUST	potassium	7440-09-7
420	12182	0.021137	CONSTRUCTION DUST	insol potassium	
420	12183	0.000033	CONSTRUCTION DUST	yttrium	7440-65-5
420	12184	0.003091	CONSTRUCTION DUST	sodium	7440-23-5
420	12185	0.000118	CONSTRUCTION DUST	zirconium	7440-67-7
420	12301	0.000158	CONSTRUCTION DUST	ammonium	14798-03-9
420	12306	0.001104	CONSTRUCTION DUST	nitrates	14797-55-8
420	12403	0.005895	CONSTRUCTION DUST	sulfates	14808-79-8
420	12404	0.00175	CONSTRUCTION DUST	nonsulfate sulfur	7704-34-9
420	12501	0.003293	CONSTRUCTION DUST	carbonate ion	3812-32-6
420	65312	0.001804	CONSTRUCTION DUST	potassium ion	24203-36-9
420	99999		CONSTRUCTION DUST	unidentified	9999-99-9
425	11102	0.688796	DIESEL VEHICLE EXHAUST	organic compound	9999-99-9
425	12000	0.015472	DIESEL VEHICLE EXHAUST	unknown	9999-99-9
425	12101	0.000176	DIESEL VEHICLE EXHAUST	aluminum	7429-90-5
425	12102	0.000036	DIESEL VEHICLE EXHAUST	antimony	7440-36-0
425	12103	0.000005	DIESEL VEHICLE EXHAUST	arsenic	7440-38-2
425	12107	0.000251	DIESEL VEHICLE EXHAUST	barium	7440-39-3
425	12109	0.000018	DIESEL VEHICLE EXHAUST	bromine	7726-95-6
425	12110	0.00004	DIESEL VEHICLE EXHAUST	cadmium	7440-43-9
425	12111	0.000548	DIESEL VEHICLE EXHAUST	calcium	7440-70-2
425	12112	0.000012	DIESEL VEHICLE EXHAUST	chromium	7440-47-3
425	12113	0.000011	DIESEL VEHICLE EXHAUST	cobalt	7440-48-4
425	12114	0.000025	DIESEL VEHICLE EXHAUST	copper	7440-50-8
425	12115	0.000344	DIESEL VEHICLE EXHAUST	chlorine	7782-50-5
425	12116	0.261005	DIESEL VEHICLE EXHAUST	elem carbon	7440-44-0
425	12124	0.000008	DIESEL VEHICLE EXHAUST	gallium	7440-55-3
425	12126	0.000525	DIESEL VEHICLE EXHAUST	iron	7439-89-6
425	12128	0.000042	DIESEL VEHICLE EXHAUST	lead	7439-92-1
425	12131	0.000057	DIESEL VEHICLE EXHAUST	indium	7440-74-6
425	12132	0.00004	DIESEL VEHICLE EXHAUST	manganese	7439-96-5
425	12134	0.000006	DIESEL VEHICLE EXHAUST	molybdenum	7439-98-7
425	12136	0.000019	DIESEL VEHICLE EXHAUST	nickel	7440-02-0
425	12142	0.00003	DIESEL VEHICLE EXHAUST	mercury	7439-97-6
425	12146	0.000181	DIESEL VEHICLE EXHAUST	lanthanum	7439-91-0
425	12151	0.000016	DIESEL VEHICLE EXHAUST	palladium	7440-05-3
425	12152	0.000127	DIESEL VEHICLE EXHAUST	phosphorus	7723-14-0
425	12154	0.00001	DIESEL VEHICLE EXHAUST	selenium	7782-49-2
425	12160	0.00008	DIESEL VEHICLE EXHAUST	tin	7440-31-5

PM PROFILE NUMBER	SAROAD	WEIGHT FRACTION OF PM10	PM PROFILE NAME	SPECIES	CAS
425	12161	0.000054	DIESEL VEHICLE EXHAUST	titanium	7440-32-6
425	12164	0.000029	DIESEL VEHICLE EXHAUST	vanadium (fume or dust)	7440-62-2
425	12165	0.002488	DIESEL VEHICLE EXHAUST	silicon	7440-21-3
425	12166	0.000028	DIESEL VEHICLE EXHAUST	silver	7440-22-4
425	12167	0.000438	DIESEL VEHICLE EXHAUST	zinc	7440-66-6
425	12168	0.000014	DIESEL VEHICLE EXHAUST	strontium	7440-24-6
425	12169	0.013269	DIESEL VEHICLE EXHAUST	sulfur	7704-34-9
425	12176	0.000007	DIESEL VEHICLE EXHAUST	rubidium	7440-17-7
425	12180	0.000154	DIESEL VEHICLE EXHAUST	potassium	7440-09-7
425	12183	0.000012	DIESEL VEHICLE EXHAUST	yttrium	7440-65-5
425	12184	0.000224	DIESEL VEHICLE EXHAUST	sodium	7440-23-5
425	12185	0.000008	DIESEL VEHICLE EXHAUST	zirconium	7440-67-7
425	12301	0.003369	DIESEL VEHICLE EXHAUST	ammonium	14798-03-9
425	12306	0.000291	DIESEL VEHICLE EXHAUST	nitrates	14797-55-8
425	12403	0.017429	DIESEL VEHICLE EXHAUST	sulfates	14808-79-8
425	12404	0.007459	DIESEL VEHICLE EXHAUST	nonsulfate sulfur	7704-34-9
425	12501	0.000119	DIESEL VEHICLE EXHAUST	carbonate ion	3812-32-6
425	65312	0.000151	DIESEL VEHICLE EXHAUST	potassium ion	24203-36-9
425	99999		DIESEL VEHICLE EXHAUST	unidentified	9999-99-9
470	11102	0.033684	UNPAVED ROAD DUST (1997 AND AFTER)	organic compound	9999-99-9
470	12000	0.368603	UNPAVED ROAD DUST (1997 AND AFTER)	unknown	9999-99-9
470	12101	0.099408	UNPAVED ROAD DUST (1997 AND AFTER)	aluminum	7429-90-5
470	12102	0.000081	UNPAVED ROAD DUST (1997 AND AFTER)	antimony	7440-36-0
470	12103	0.000015	UNPAVED ROAD DUST (1997 AND AFTER)	arsenic	7440-38-2
470	12107	0.000697	UNPAVED ROAD DUST (1997 AND AFTER)	barium	7440-39-3
470	12109	0.000018	UNPAVED ROAD DUST (1997 AND AFTER)	bromine	7726-95-6
470	12110	0.000013	UNPAVED ROAD DUST (1997 AND AFTER)	cadmium	7440-43-9
470	12111	0.05633	UNPAVED ROAD DUST (1997 AND AFTER)	calcium	7440-70-2
470	12112	0.000017	UNPAVED ROAD DUST (1997 AND AFTER)	chromium	7440-47-3
470	12113	0.000005	UNPAVED ROAD DUST (1997 AND AFTER)	cobalt	7440-48-4
470	12114	0.000158	UNPAVED ROAD DUST (1997 AND AFTER)	copper	7440-50-8
470	12115	0.000844	UNPAVED ROAD DUST (1997 AND AFTER)	chlorine	7782-50-5
470	12116	0.001164	UNPAVED ROAD DUST (1997 AND AFTER)	elem carbon	7440-44-0
470	12124	0.000005	UNPAVED ROAD DUST (1997 AND AFTER)	gallium	7440-55-3
470	12126	0.052316	UNPAVED ROAD DUST (1997 AND AFTER)	iron	7439-89-6
470	12128	0.00013	UNPAVED ROAD DUST (1997 AND AFTER)	lead	7439-92-1
470	12131	0	UNPAVED ROAD DUST (1997 AND AFTER)	indium	7440-74-6
470	12132	0.000915	UNPAVED ROAD DUST (1997 AND AFTER)	manganese	7439-96-5
470	12134	0.00001	UNPAVED ROAD DUST (1997 AND AFTER)	molybdenum	7439-98-7
470	12136	0.000037	UNPAVED ROAD DUST (1997 AND AFTER)	nickel	7440-02-0
470	12140	0.007556	UNPAVED ROAD DUST (1997 AND AFTER)	magnesium	7439-95-4
470	12142	0.000014	UNPAVED ROAD DUST (1997 AND AFTER)	mercury	7439-97-6
470	12143	0.000011	UNPAVED ROAD DUST (1997 AND AFTER)	gold	7440-57-5
470	12146	0.000812	UNPAVED ROAD DUST (1997 AND AFTER)	lanthanum	7439-91-0
470	12151	0.000007	UNPAVED ROAD DUST (1997 AND AFTER)	palladium	7440-05-3
470	12152	0.001096	UNPAVED ROAD DUST (1997 AND AFTER)	phosphorus	7723-14-0
470	12153	0.000157	UNPAVED ROAD DUST (1997 AND AFTER)	phosphate	14265-44-2
470	12154	0.000003	UNPAVED ROAD DUST (1997 AND AFTER)	selenium	7782-49-2
470	12156	0.001045	UNPAVED ROAD DUST (1997 AND AFTER)	non-phosphate phosphorous	7723-14-0
470	12160	0.000076	UNPAVED ROAD DUST (1997 AND AFTER)	tin	7440-31-5
470	12161	0.004289	UNPAVED ROAD DUST (1997 AND AFTER)	titanium	7440-32-6
470	12164	0.000077	UNPAVED ROAD DUST (1997 AND AFTER)	vanadium (fume or dust)	7440-62-2
470	12165	0.324839	UNPAVED ROAD DUST (1997 AND AFTER)	silicon	7440-21-3
470	12166	0	UNPAVED ROAD DUST (1997 AND AFTER)	silver	7440-22-4
470	12167	0.000374	UNPAVED ROAD DUST (1997 AND AFTER)	zinc	7440-66-6
470	12168	0.000423	UNPAVED ROAD DUST (1997 AND AFTER)	strontium	7440-24-6
470	12169	0.002928	UNPAVED ROAD DUST (1997 AND AFTER)	sulfur	7704-34-9
470	12173	0.00004	UNPAVED ROAD DUST (1997 AND AFTER)	thallium	7440-28-0
470	12176	0.000141	UNPAVED ROAD DUST (1997 AND AFTER)	rubidium	7440-17-7
470	12179	0.000022	UNPAVED ROAD DUST (1997 AND AFTER)	uranium	7440-61-1
470	12180	0.027222	UNPAVED ROAD DUST (1997 AND AFTER)	potassium	7440-09-7
470	12182	0.025934	UNPAVED ROAD DUST (1997 AND AFTER)	insol potassium	
470	12183	0.000031	UNPAVED ROAD DUST (1997 AND AFTER)	yttrium	7440-65-5
470	12184	0.002687	UNPAVED ROAD DUST (1997 AND AFTER)	sodium	7440-23-5
470	12185	0.000117	UNPAVED ROAD DUST (1997 AND AFTER)	zirconium	7440-67-7
470	12203	0.00118	UNPAVED ROAD DUST (1997 AND AFTER)	chloride ion	16887-00-6
470	12301	0.001033	UNPAVED ROAD DUST (1997 AND AFTER)	ammonium	14798-03-9
470	12306	0.00752	UNPAVED ROAD DUST (1997 AND AFTER)	nitrates	14797-55-8
470	12403	0.005685	UNPAVED ROAD DUST (1997 AND AFTER)	sulfates	14808-79-8
470	12404	0.001033	UNPAVED ROAD DUST (1997 AND AFTER)	nonsulfate sulfur	7704-34-9
470	65312	0.001288	UNPAVED ROAD DUST (1997 AND AFTER)	potassium ion	24203-36-9
471	11102	0.059742	PAVED ROAD DUST (1997 AND AFTER)	organic compound	9999-99-9
471	12000	0.375801	PAVED ROAD DUST (1997 AND AFTER)	unknown	9999-99-9
471	12101	0.106709	PAVED ROAD DUST (1997 AND AFTER)	aluminum	7429-90-5
471	12102	0.000068	PAVED ROAD DUST (1997 AND AFTER)	antimony	7440-36-0
471	12103	0.000013	PAVED ROAD DUST (1997 AND AFTER)	arsenic	7440-38-2
471	12107	0.00104	PAVED ROAD DUST (1997 AND AFTER)	barium	7440-39-3
471	12109	0.000012	PAVED ROAD DUST (1997 AND AFTER)	bromine	7726-95-6
471	12110	0.000003	PAVED ROAD DUST (1997 AND AFTER)	cadmium	7440-43-9
471	12111	0.03268	PAVED ROAD DUST (1997 AND AFTER)	calcium	7440-70-2
471	12112	0.000017	PAVED ROAD DUST (1997 AND AFTER)	chromium	7440-47-3
471	12113	0.000023	PAVED ROAD DUST (1997 AND AFTER)	cobalt	7440-48-4
471	12114	0.000148	PAVED ROAD DUST (1997 AND AFTER)	copper	7440-50-8
471	12115	0.000533	PAVED ROAD DUST (1997 AND AFTER)	chlorine	7782-50-5
471	12116	0.007718	PAVED ROAD DUST (1997 AND AFTER)	elem carbon	7440-44-0
471	12124	0.000017	PAVED ROAD DUST (1997 AND AFTER)	gallium	7440-55-3
471	12126	0.05435	PAVED ROAD DUST (1997 AND AFTER)	iron	7439-89-6
471	12128	0.000124	PAVED ROAD DUST (1997 AND AFTER)	lead	7439-92-1
471	12131	0.000006	PAVED ROAD DUST (1997 AND AFTER)	indium	7440-74-6

PM PROFILE NUMBER	SAROAD	WEIGHT FRACTION OF PM10	PM PROFILE NAME	SPECIES	CAS
471	12132	0.0008	PAVED ROAD DUST (1997 AND AFTER)	manganese	7439-96-5
471	12134	0.000005	PAVED ROAD DUST (1997 AND AFTER)	molybdenum	7439-98-7
471	12136	0.000012	PAVED ROAD DUST (1997 AND AFTER)	nickel	7440-02-0
471	12140	0.007392	PAVED ROAD DUST (1997 AND AFTER)	magnesium	7439-95-4
471	12142	0.000009	PAVED ROAD DUST (1997 AND AFTER)	mercury	7439-97-6
471	12143	0.000007	PAVED ROAD DUST (1997 AND AFTER)	gold	7440-57-5
471	12146	0.000111	PAVED ROAD DUST (1997 AND AFTER)	lanthanum	7439-91-0
471	12151	0.000005	PAVED ROAD DUST (1997 AND AFTER)	palladium	7440-05-3
471	12152	0.002723	PAVED ROAD DUST (1997 AND AFTER)	phosphorus	7723-14-0
471	12153	0.000392	PAVED ROAD DUST (1997 AND AFTER)	phosphate	14265-44-2
471	12154	0.000002	PAVED ROAD DUST (1997 AND AFTER)	selenium	7782-49-2
471	12155	0.002595	PAVED ROAD DUST (1997 AND AFTER)	praseodymium	7440-10-0
471	12160	0.000053	PAVED ROAD DUST (1997 AND AFTER)	tin	7440-31-5
471	12161	0.004866	PAVED ROAD DUST (1997 AND AFTER)	titanium	7440-32-6
471	12164	0.000071	PAVED ROAD DUST (1997 AND AFTER)	vanadium (fume or dust)	7440-62-2
471	12165	0.303673	PAVED ROAD DUST (1997 AND AFTER)	silicon	7440-21-3
471	12166	0	PAVED ROAD DUST (1997 AND AFTER)	silver	7440-22-4
471	12167	0.000991	PAVED ROAD DUST (1997 AND AFTER)	zinc	7440-66-6
471	12168	0.00034	PAVED ROAD DUST (1997 AND AFTER)	strontium	7440-24-6
471	12169	0.003131	PAVED ROAD DUST (1997 AND AFTER)	sulfur	7704-34-9
471	12173	0.000004	PAVED ROAD DUST (1997 AND AFTER)	thallium	7440-28-0
471	12176	0.000149	PAVED ROAD DUST (1997 AND AFTER)	rubidium	7440-17-7
471	12179	0.000009	PAVED ROAD DUST (1997 AND AFTER)	uranium	7440-61-1
471	12180	0.028459	PAVED ROAD DUST (1997 AND AFTER)	potassium	7440-09-7
471	12182	0.02694	PAVED ROAD DUST (1997 AND AFTER)	insol potassium	
471	12183	0.000028	PAVED ROAD DUST (1997 AND AFTER)	yttrium	7440-65-5
471	12184	0.001985	PAVED ROAD DUST (1997 AND AFTER)	sodium	7440-23-5
471	12185	0.000128	PAVED ROAD DUST (1997 AND AFTER)	zirconium	7440-67-7
471	12203	0.001051	PAVED ROAD DUST (1997 AND AFTER)	chloride ion	16887-00-6
471	12301	0.002886	PAVED ROAD DUST (1997 AND AFTER)	ammonium	14798-03-9
471	12306	0.00058	PAVED ROAD DUST (1997 AND AFTER)	nitrates	14797-55-8
471	12403	0.002692	PAVED ROAD DUST (1997 AND AFTER)	sulfates	14808-79-8
471	12404	0.002234	PAVED ROAD DUST (1997 AND AFTER)	nonsulfate sulfur	7704-34-9
471	65312	0.001519	PAVED ROAD DUST (1997 AND AFTER)	potassium ion	24203-36-9
472	11102	0.4715	TIRE WEAR	organic compound	9999-99-9
472	12000	0.260568	TIRE WEAR	unknown	9999-99-9
472	12101	0.000605	TIRE WEAR	aluminum	7429-90-5
472	12107	0.000195	TIRE WEAR	barium	7440-39-3
472	12109	0.000015	TIRE WEAR	bromine	7726-95-6
472	12111	0.00112	TIRE WEAR	calcium	7440-70-2
472	12112	0.00003	TIRE WEAR	chromium	7440-47-3
472	12114	0.00049	TIRE WEAR	copper	7440-50-8
472	12115	0.0078	TIRE WEAR	chlorine	7782-50-5
472	12116	0.22	TIRE WEAR	elem carbon	7440-44-0
472	12126	0.0046	TIRE WEAR	iron	7439-89-6
472	12128	0.00016	TIRE WEAR	lead	7439-92-1
472	12132	0.0001	TIRE WEAR	manganese	7439-96-5
472	12136	0.00005	TIRE WEAR	nickel	7440-02-0
472	12140	0.000375	TIRE WEAR	magnesium	7439-95-4
472	12152	0.00125	TIRE WEAR	phosphorus	7723-14-0
472	12154	0.00002	TIRE WEAR	selenium	7782-49-2
472	12161	0.00036	TIRE WEAR	titanium	7440-32-6
472	12165	0.00115	TIRE WEAR	silicon	7440-21-3
472	12167	0.005305	TIRE WEAR	zinc	7440-66-6
472	12168	0.00007	TIRE WEAR	strontium	7440-24-6
472	12169	0.01989	TIRE WEAR	sulfur	7704-34-9
472	12180	0.00038	TIRE WEAR	potassium	7440-09-7
472	12184	0.00061	TIRE WEAR	sodium	7440-23-5
472	12301	0.00019	TIRE WEAR	ammonium	14798-03-9
472	12306	0.0015	TIRE WEAR	nitrates	14797-55-8
472	12403	0.0025	TIRE WEAR	sulfates	14808-79-8
472	12404	0.019057	TIRE WEAR	nonsulfate sulfur	7704-34-9
473	11102	0.107	BRAKE WEAR	organic compound	9999-99-9
473	12000	0.303948	BRAKE WEAR	unknown	9999-99-9
473	12101	0.00033	BRAKE WEAR	aluminum	7429-90-5
473	12103	0.00001	BRAKE WEAR	arsenic	7440-38-2
473	12107	0.05445	BRAKE WEAR	barium	7440-39-3
473	12109	0.00004	BRAKE WEAR	bromine	7726-95-6
473	12111	0.0011	BRAKE WEAR	calcium	7440-70-2
473	12112	0.0012	BRAKE WEAR	chromium	7440-47-3
473	12114	0.011485	BRAKE WEAR	copper	7440-50-8
473	12115	0.0015	BRAKE WEAR	chlorine	7782-50-5
473	12116	0.0261	BRAKE WEAR	elem carbon	7440-44-0
473	12126	0.287	BRAKE WEAR	iron	7439-89-6
473	12128	0.00005	BRAKE WEAR	lead	7439-92-1
473	12132	0.0017	BRAKE WEAR	manganese	7439-96-5
473	12134	0.0037	BRAKE WEAR	molybdenum	7439-98-7
473	12136	0.00066	BRAKE WEAR	nickel	7440-02-0
473	12140	0.083	BRAKE WEAR	magnesium	7439-95-4
473	12154	0.00002	BRAKE WEAR	selenium	7782-49-2
473	12160	0.0066	BRAKE WEAR	tin	7440-31-5
473	12161	0.0036	BRAKE WEAR	titanium	7440-32-6
473	12164	0.00066	BRAKE WEAR	vanadium (fume or dust)	7440-62-2
473	12165	0.0679	BRAKE WEAR	silicon	7440-21-3
473	12167	0.00027	BRAKE WEAR	zinc	7440-66-6
473	12168	0.00074	BRAKE WEAR	strontium	7440-24-6
473	12169	0.0128	BRAKE WEAR	sulfur	7704-34-9
473	12176	0.00005	BRAKE WEAR	rubidium	7440-17-7
473	12180	0.00019	BRAKE WEAR	potassium	7440-09-7

PM PROFILE NUMBER	SAROAD	WEIGHT FRACTION OF PM10	PM PROFILE NAME	SPECIES	CAS
473	12203	0.0015	BRAKE WEAR	chloride ion	16887-00-6
473	12301	0.00003	BRAKE WEAR	ammonium	14798-03-9
473	12306	0.0016	BRAKE WEAR	nitrates	14797-55-8
473	12403	0.0334	BRAKE WEAR	sulfates	14808-79-8
473	12404	0.001667	BRAKE WEAR	nonsulfate sulfur	7704-34-9

ORG PROFILE NUMBER	SAROAD	WEIGHT FRACTION TOG	ORG PROFILE NAME	SPECIES	CAS
716	43108	0.02014	Medium cure asphalt	Isomers Of Nonane	111-84-2
716	43109	0.08056	Medium cure asphalt	Isomers Of Decane	124-18-5
716	43233	0.05639	Medium cure asphalt	N-Octane	111-65-9
716	43235	0.10473	Medium cure asphalt	N-Nonane	111-84-2
716	43238	0.12488998	Medium cure asphalt	N-Decane	124-18-5
716	43241	0.02115	Medium cure asphalt	N-Undecane	1120-21-4
716	43261	0.02115	Medium cure asphalt	Methylcyclohexane	108-87-2
716	45102	0.08559999	Medium cure asphalt	Xylenes (Mixed)	1330-20-7
716	45104	0.02919998	Medium cure asphalt	C9 Dialkyl Benzenes	--
716	45105	0.09365998	Medium cure asphalt	Isomers Of Butylbenzene	104-51-8
716	45107	0.05337	Medium cure asphalt	Trimethylbenzenes	108-67-8
716	45202	0.06445	Medium cure asphalt	Toluene	108-88-3
716	45203	0.02316	Medium cure asphalt	Ethyl Benzene	100-41-4
716	45204	0.03726	Medium cure asphalt	O-Xylene	95-47-6
716	91289	0.05136	Medium cure asphalt	C10 Alkyl Cyclohexanes	--
716	98064	0.03424	Medium cure asphalt	C8 Alkyl Cyclohexanes	--
716	98065	0.09868999	Medium cure asphalt	C9 Alkyl Cyclohexanes	--
717	43110	0.01009998	Architectural surface coating-water based paint	Isomers Of Undecane	1120-21-4
717	43238	0.00202	Architectural surface coating-water based paint	N-Decane	124-18-5
717	43241	0.00101	Architectural surface coating-water based paint	N-Undecane	1120-21-4
717	43305	0.20201996	Architectural surface coating-water based paint	N-Butyl Alcohol	71-36-3
717	43370	0.00505	Architectural surface coating-water based paint	Ethylene Glycol	107-21-1
717	43371	0.01414	Architectural surface coating-water based paint	Hexylene Glycol {2-Methyl-2,4-Pentanediol}	107-41-5
717	43391	0.00101	Architectural surface coating-water based paint	2-Butyltetrahydrofuran	1004-29-1
717	43801	0.00505	Architectural surface coating-water based paint	Methyl Chloride {Chloromethane}	74-87-3
717	43802	0.05556	Architectural surface coating-water based paint	Methylene Chloride {Dichloromethane}	75-09-2
717	43812	0.00606	Architectural surface coating-water based paint	Ethyl Chloride {Chloroethane}	75-00-3
717	45201	0.00303	Architectural surface coating-water based paint	Benzene	71-43-2
717	98104	0.02221998	Architectural surface coating-water based paint	1-Chlorobutane	109-69-3
717	98105	0.00606	Architectural surface coating-water based paint	3-(Chloromethyl)-Heptane	1230-40-6
717	98106	0.05252998	Architectural surface coating-water based paint	Ethyl Isopropyl Ether	625-54-7
717	98107	0.00202	Architectural surface coating-water based paint	Dibutyl Ether	142-96-1
717	98109	0.01009998	Architectural surface coating-water based paint	Propylcyclohexanone	69824-91-5
717	98110	0.00707	Architectural surface coating-water based paint	Diethylene Glycol Monobutyl Ether	112-34-5
717	98111	0.01414	Architectural surface coating-water based paint	1-Ethoxy-2-Propanol	1569-02-4
717	98112	0.01009998	Architectural surface coating-water based paint	2-Ethyl-1-Hexanol	104-76-7
717	98113	0.00707	Architectural surface coating-water based paint	1-Heptanol	111-70-6
717	98114	0.00101	Architectural surface coating-water based paint	Methyl Isobutyrate	547-63-7
717	98115	0.00303	Architectural surface coating-water based paint	Isoamyl Isobutyrate	2050-01-3
717	98116	0.27171982	Architectural surface coating-water based paint	Substituted C7 Ester (C12)	--
717	98117	0.28787979	Architectural surface coating-water based paint	Substituted C9 Ester (C12)	--
818	43201	0.04084	Farm equipment - diesel - light & heavy - (ems=actual weight)	Methane	74-82-8
818	43202	0.00565	Farm equipment - diesel - light & heavy - (ems=actual weight)	Ethane	74-84-0
818	43203	0.14377	Farm equipment - diesel - light & heavy - (ems=actual weight)	Ethylene	74-85-1
818	43204	0.00185	Farm equipment - diesel - light & heavy - (ems=actual weight)	Propane	74-98-6
818	43205	0.02596998	Farm equipment - diesel - light & heavy - (ems=actual weight)	Propylene	115-07-1
818	43206	0.04254	Farm equipment - diesel - light & heavy - (ems=actual weight)	Acetylene	74-86-2
818	43208	0.00466	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,2-Propadiene	463-49-0
818	43212	0.00104	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Butane	106-97-8
818	43213	0.00666	Farm equipment - diesel - light & heavy - (ems=actual weight)	1-Butene	106-98-9
818	43214	0.01221998	Farm equipment - diesel - light & heavy - (ems=actual weight)	Isobutane	75-28-5
818	43215	0.00922	Farm equipment - diesel - light & heavy - (ems=actual weight)	Isobutylene	115-11-7
818	43216	0.00195	Farm equipment - diesel - light & heavy - (ems=actual weight)	Trans-2-Butene	624-64-6
818	43217	0.00094	Farm equipment - diesel - light & heavy - (ems=actual weight)	Cis-2-Butene	590-18-1
818	43218	0.0019	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,3-Butadiene	106-99-0
818	43220	0.00175	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Pentane	109-66-0
818	43224	0.00324	Farm equipment - diesel - light & heavy - (ems=actual weight)	1-Pentene	109-67-1
818	43226	0.0004	Farm equipment - diesel - light & heavy - (ems=actual weight)	Trans-2-Pentene	646-04-8
818	43227	0.0003	Farm equipment - diesel - light & heavy - (ems=actual weight)	Cis-2-Pentene	627-20-3
818	43229	0.00392	Farm equipment - diesel - light & heavy - (ems=actual weight)	2-Methylpentane	107-83-5
818	43230	0.00115	Farm equipment - diesel - light & heavy - (ems=actual weight)	3-Methylpentane	96-14-0
818	43231	0.00157	Farm equipment - diesel - light & heavy - (ems=actual weight)	Hexane	110-54-3
818	43232	0.00068	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Heptane	142-82-5
818	43233	0.0014	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Octane	111-65-9
818	43234	0.00028	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,3-Dimethyl-1-Butene	563-78-0
818	43235	0.0023	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Nonane	111-84-2
818	43238	0.00529	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Decane	124-18-5
818	43241	0.00261	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Undecane	1120-21-4
818	43242	0.00012	Farm equipment - diesel - light & heavy - (ems=actual weight)	Cyclopentane	287-92-3
818	43248	0.00026	Farm equipment - diesel - light & heavy - (ems=actual weight)	Cyclohexane	110-82-7
818	43261	0.00068	Farm equipment - diesel - light & heavy - (ems=actual weight)	Methylcyclohexane	108-87-2
818	43262	0.00149	Farm equipment - diesel - light & heavy - (ems=actual weight)	Methylcyclopentane	96-37-7
818	43264	0.00107	Farm equipment - diesel - light & heavy - (ems=actual weight)	Cyclohexanone	108-94-1
818	43271	0.00019	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,4-Dimethylpentane	108-08-7
818	43274	0.00073	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,3-Dimethylpentane	565-59-3
818	43275	0.00115	Farm equipment - diesel - light & heavy - (ems=actual weight)	2-Methylhexane	591-76-4
818	43276	0.00298	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,2,4-Trimethylpentane	540-84-1
818	43277	0.00036	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,4-Dimethylhexane	589-43-5
818	43279	0.00015	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,3,4-Trimethylpentane	565-75-3
818	43291	0.00061	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,2-Dimethylbutane	75-83-2
818	43295	0.00348	Farm equipment - diesel - light & heavy - (ems=actual weight)	3-Methylhexane	589-34-4
818	43301	0.0003	Farm equipment - diesel - light & heavy - (ems=actual weight)	Methanol	67-56-1
818	43302	0.00009	Farm equipment - diesel - light & heavy - (ems=actual weight)	Ethyl Alcohol	64-17-5
818	43502	0.14714	Farm equipment - diesel - light & heavy - (ems=actual weight)	Formaldehyde	50-00-0
818	43503	0.07353	Farm equipment - diesel - light & heavy - (ems=actual weight)	Acetaldehyde	75-07-0
818	43504	0.0097	Farm equipment - diesel - light & heavy - (ems=actual weight)	Propionaldehyde	123-38-6
818	43510	0.01867998	Farm equipment - diesel - light & heavy - (ems=actual weight)	Butyraldehyde	123-72-8
818	43512	0.0011	Farm equipment - diesel - light & heavy - (ems=actual weight)	C5 Aldehyde	--
818	43551	0.07507	Farm equipment - diesel - light & heavy - (ems=actual weight)	[D] Acetone [Deleted/Obsolete Emittent Id]	67-64-1
818	43552	0.01476998	Farm equipment - diesel - light & heavy - (ems=actual weight)	Methyl Ethyl Ketone {2-Butanone}	78-93-3
818	43559	0.00899	Farm equipment - diesel - light & heavy - (ems=actual weight)	Methyl N-Butyl Ketone	591-78-6
818	45105	0.00127	Farm equipment - diesel - light & heavy - (ems=actual weight)	Isomers Of Butylbenzene	104-51-8
818	45106	0.00135	Farm equipment - diesel - light & heavy - (ems=actual weight)	Isomers Of Diethylbenzene	25340-17-4
818	45201	0.02000998	Farm equipment - diesel - light & heavy - (ems=actual weight)	Benzene	71-43-2
818	45202	0.01473	Farm equipment - diesel - light & heavy - (ems=actual weight)	Toluene	108-88-3

ORG PROFILE NUMBER	SAROAD	WEIGHT FRACTION TOG	ORG PROFILE NAME	SPECIES	CAS
818	45203	0.00305	Farm equipment - diesel - light & heavy - (ems=actual weight)	Ethyl Benzene	100-41-4
818	45204	0.00335	Farm equipment - diesel - light & heavy - (ems=actual weight)	O-Xylene	95-47-6
818	45205	0.00611	Farm equipment - diesel - light & heavy - (ems=actual weight)	M-Xylene	108-38-3
818	45206	0.00095	Farm equipment - diesel - light & heavy - (ems=actual weight)	P-Xylene	106-42-3
818	45207	0.00194	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,3,5-Trimethylbenzene	108-67-8
818	45208	0.0053	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,2,4-Trimethylbenzene	95-63-6
818	45209	0.00122	Farm equipment - diesel - light & heavy - (ems=actual weight)	N-Propylbenzene	103-65-1
818	45215	0.00006	Farm equipment - diesel - light & heavy - (ems=actual weight)	T-Butylbenzene	98-06-6
818	45220	0.00058	Farm equipment - diesel - light & heavy - (ems=actual weight)	Styrene	100-42-5
818	45225	0.0012	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,2,3-Trimethylbenzene	526-73-8
818	45234	0.00051	Farm equipment - diesel - light & heavy - (ems=actual weight)	(1-Methylpropyl)Benzene	135-98-8
818	45235	0.00126	Farm equipment - diesel - light & heavy - (ems=actual weight)	(2-Methylpropyl)Benzene	538-93-2
818	45501	0.00699	Farm equipment - diesel - light & heavy - (ems=actual weight)	Benzaldehyde	100-52-7
818	90081	0.00061	Farm equipment - diesel - light & heavy - (ems=actual weight)	Ethylhexane	--
818	98020	0.00047	Farm equipment - diesel - light & heavy - (ems=actual weight)	B-Methylstyrene	637-50-3
818	98043	0.00015	Farm equipment - diesel - light & heavy - (ems=actual weight)	Cumene	98-82-8
818	98044	0.00188	Farm equipment - diesel - light & heavy - (ems=actual weight)	Indan	496-11-7
818	98046	0.00085	Farm equipment - diesel - light & heavy - (ems=actual weight)	Naphthalene	91-20-3
818	98049	0.00497	Farm equipment - diesel - light & heavy - (ems=actual weight)	C9 Aromatics	--
818	98050	0.00079	Farm equipment - diesel - light & heavy - (ems=actual weight)	C10 Aromatics	--
818	98078	0.01749	Farm equipment - diesel - light & heavy - (ems=actual weight)	Alkene Ketone	--
818	98095	0.03799	Farm equipment - diesel - light & heavy - (ems=actual weight)	C6 Aldehydes	--
818	98132	0.00602	Farm equipment - diesel - light & heavy - (ems=actual weight)	Isopentane	78-78-4
818	98139	0.00011	Farm equipment - diesel - light & heavy - (ems=actual weight)	2,3-Dimethylhexane	584-94-1
818	98140	0.00057	Farm equipment - diesel - light & heavy - (ems=actual weight)	2-Methylheptane	592-27-8
818	98154	0.00086	Farm equipment - diesel - light & heavy - (ems=actual weight)	1,2-Diethylbenzene (Ortho)	135-01-3
818	98169	0.0282	Farm equipment - diesel - light & heavy - (ems=actual weight)	3,3-Dimethyl-1-Butene	558-37-2
818	99912	0.00247	Farm equipment - diesel - light & heavy - (ems=actual weight)	1-Methyl-3-Ethylbenzene	620-14-4
818	99915	0.00138	Farm equipment - diesel - light & heavy - (ems=actual weight)	1-Methyl-2-Ethylbenzene	611-14-3
818	99999	0.13862	Farm equipment - diesel - light & heavy - (ems=actual weight)	Unidentified	999-99-9
2303	43160	0.0000348	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2,3-Trimethylbutane	464-06-2
2303	43201	0.27691971	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Methane	74-82-8
2303	43202	0.02927162	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Ethane	74-84-0
2303	43203	0.03397285	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Ethylene	74-85-1
2303	43204	0.00632941	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Propane	74-98-6
2303	43205	0.02197042	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Propylene	115-07-1
2303	43206	0.00562078	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Acetylene	74-86-2
2303	43208	0.00055392	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2-Propadiene	463-49-0
2303	43211	0.00004082	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methyl-1-Pentene	760-20-3
2303	43212	0.00316705	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Butane	106-97-8
2303	43213	0.00174689	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Butene	106-98-9
2303	43214	0.00097842	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Isobutane	75-28-5
2303	43215	0.01021746	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Isobutylene	115-11-7
2303	43216	0.00100621	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-2-Butene	624-64-6
2303	43217	0.00052624	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-2-Butene	590-18-1
2303	43218	0.00242726	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3-Butadiene	106-99-0
2303	43220	0.00943338	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Pentane	109-66-0
2303	43221	0.00000777	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2-Butadiene {Methylallene}	590-19-2
2303	43223	0.00007412	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methyl-1-Butene	563-45-1
2303	43224	0.00020651	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Pentene	109-67-1
2303	43225	0.0006119	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methyl-1-Butene	563-46-2
2303	43226	0.00060527	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-2-Pentene	646-04-8
2303	43227	0.00019228	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-2-Pentene	627-20-3
2303	43228	0.00137153	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methyl-2-Butene	513-35-9
2303	43229	0.01581986	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methylpentane	107-83-5
2303	43230	0.01044662	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methylpentane	96-14-0
2303	43231	0.00777615	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Hexane	110-54-3
2303	43232	0.00638928	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Heptane	142-82-5
2303	43233	0.00213755	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Octane	111-65-9
2303	43235	0.00644852	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Nonane	111-84-2
2303	43238	0.00344923	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Decane	124-18-5
2303	43241	0.00136448	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Undecane	1120-21-4
2303	43242	0.00090558	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cyclopentane	287-92-3
2303	43243	0.00066677	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Isoprene, Except From Vegetative Emission Sources	78-79-5
2303	43245	0.00005398	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Hexene	592-41-6
2303	43248	0.0030991	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cyclohexane	110-82-7
2303	43252	0.00164013	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2,5-Triethylheptane	20291-95-6
2303	43255	0.00127582	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Dodecane	112-40-3
2303	43261	0.00730725	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Methylcyclohexane	108-87-2
2303	43262	0.00841109	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Methylcyclopentane	96-37-7
2303	43263	0.00008692	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-2-Octene	#N/A
2303	43265	0.00015453	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Octene	#N/A
2303	43266	0.00004347	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-2-Octene	#N/A
2303	43267	0.00008961	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Nonene	#N/A
2303	43270	0.00017263	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methyl-Trans-2-Pentene	#N/A
2303	43271	0.00867762	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,4-Dimethylpentane	108-08-7
2303	43272	0.00005991	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methylcyclopentene	1120-62-3
2303	43273	0.00003879	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cyclohexene	110-83-8
2303	43274	0.01225835	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,3-Dimethylpentane	565-59-3
2303	43275	0.00850466	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methylhexane	591-76-4
2303	43276	0.03769925	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2,4-Trimethylpentane	540-84-1
2303	43277	0.00567796	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,4-Dimethylhexane	589-43-5
2303	43278	0.0048368	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,5-Dimethylhexane	592-13-2
2303	43279	0.01349811	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,3,4-Trimethylpentane	565-75-3
2303	43288	0.00032297	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Ethylcyclohexane	#N/A
2303	43291	0.00402086	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2-Dimethylbutane	75-83-2
2303	43292	0.00006391	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cyclopentene	142-29-0
2303	43293	0.00027489	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	4-Methyl-Trans-2-Pentene	674-76-0
2303	43295	0.00884752	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methylhexane	589-34-4
2303	43297	0.00071748	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	4-Methylheptane	589-53-7
2303	43298	0.0039943	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methylheptane	589-81-1
2303	43300	0.00029724	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Ethylpentane	617-78-7
2303	43301	0.0002046	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Methanol	67-56-1
2303	43302	0.00052267	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Ethyl Alcohol	64-17-5
2303	43378	0.00467993	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Methyl Tert-Butyl Ether	#N/A

ORG PROFILE NUMBER	SAROAD	WEIGHT FRACTION TOG	ORG PROFILE NAME	SPECIES	CAS
2303	43400	0.00054036	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2,4-Trimethylcyclopentene	2815-58-9
2303	43502	0.02148524	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Formaldehyde	50-00-0
2303	43503	0.00900112	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Acetaldehyde	75-07-0
2303	43504	0.00189806	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Propionaldehyde	123-38-6
2303	43505	0.00001418	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Acrolein	107-02-8
2303	43506	0.00008895	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methyl-2-Propenal	78-85-3
2303	43510	0.00278587	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Butyraldehyde	123-72-8
2303	43551	0.00850055	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	[D] Acetone [Deleted/Obsolete Emittent Id]	67-64-1
2303	43552	0.0015066	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Methyl Ethyl Ketone {2-Butanone}	78-93-3
2303	45113	0.00055441	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3-Diethylbenzene (Meta)	141-93-5
2303	45114	0.00082855	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,4-Diethylbenzene (Para)	105-05-5
2303	45201	0.03890986	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Benzene	71-43-2
2303	45202	0.04754084	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Toluene	108-88-3
2303	45203	0.01119104	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Ethyl Benzene	100-41-4
2303	45204	0.01611576	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	O-Xylene	95-47-6
2303	45205	0.02267152	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	M-Xylene	108-38-3
2303	45206	0.01195047	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	P-Xylene	106-42-3
2303	45207	0.00674134	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3,5-Trimethylbenzene	108-67-8
2303	45208	0.03159537	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2,4-Trimethylbenzene	95-63-6
2303	45209	0.0022737	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Propylbenzene	103-65-1
2303	45220	0.00218529	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Styrene	100-42-5
2303	45222	0.00025154	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2,4-Trimethylhexane	16747-26-5
2303	45223	0.00068837	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,4,4-Trimethylhexane	#N/A
2303	45225	0.00728718	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2,3-Trimethylbenzene	526-73-8
2303	45235	0.00081527	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	(2-Methylpropyl)Benzene	538-93-2
2303	45237	0.00058326	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3-Dipropylbenzene	17171-72-1
2303	45243	0.00026293	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-2-N-Butylbenzene	1595-11-5
2303	45244	0.00003587	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-2-Tert-Butylbenzene	#N/A
2303	45250	0.00246598	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,4-Dimethyl-2-Ethylbenzene	1758-88-9
2303	45251	0.00217076	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3-Dimethyl-4-Ethylbenzene	874-41-9
2303	45252	0.00321799	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2-Dimethyl-4-Ethylbenzene	934-80-5
2303	45253	0.00046948	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3-Dimethyl-2-Ethylbenzene	#N/A
2303	45254	0.00014124	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2-Dimethyl-3-Ethylbenzene	933-98-2
2303	45255	0.00007359	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Pentylbenzene	538-68-1
2303	45256	0.0004683	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-(1,1-Dimethylethyl)-3,5-Dimethylbenzene	98-19-1
2303	45257	0.0043478	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3-Dimethyl-5-Ethylbenzene	934-74-7
2303	45501	0.00196768	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Benzaldehyde	100-52-7
2303	45502	0.00109363	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	M-Tolualdehyde	620-23-5
2303	90028	0.00002821	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methyl-2-Hexene	#N/A
2303	90029	0.00068895	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methyl-Cis-2-Hexene	10574-36-4
2303	90031	0.00000806	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	4-Methyl-Trans-2-Hexene	#N/A
2303	90040	0.00028383	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3,3-Dimethylpentane	562-49-2
2303	90047	0.00398006	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methylnonane	871-83-0
2303	90080	0.00023877	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-1-Methyl-3-Ethylcyclopentane	2613-66-3
2303	91006	0.0000094	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methyl-Trans-3-Hexene	692-24-0
2303	91018	0.00160312	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-1,3-Dimethylcyclopentane	2532-58-3
2303	91019	0.00171939	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-1,3-Dimethylcyclopentane	1759-58-6
2303	91021	0.00118821	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-1-2-Dimethylcyclopentane	#N/A
2303	91026	0.00095426	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-2-Heptene	14686-13-6
2303	91028	0.00016994	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-2-Heptene	6443-92-1
2303	91038	0.00019335	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-1,Trans-2,3-Trimethylcyclopentane	15890-40-1
2303	91044	0.00050472	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-1-Methyl-3-Ethylcyclopentane	2613-65-2
2303	91055	0.0009778	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-1,2-Dimethylcyclohexane	2207-01-4
2303	91094	0.00003956	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-4-Isopropylbenzene	#N/A
2303	91096	0.00020631	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-2-Isopropylbenzene	527-84-4
2303	91103	0.00162907	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2,4,5-Tetramethylbenzene	95-93-2
2303	91104	0.00253842	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2,3,5-Tetramethylbenzene	527-53-7
2303	91106	0.00110123	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	5-Methylindan	874-35-1
2303	91107	0.00002682	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	4-Methylindan	824-22-6
2303	91108	0.00155142	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methylindan	824-63-5
2303	91109	0.00040088	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2,3,4-Tetramethylbenzene	488-23-3
2303	92001	0.00023413	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-4-Ethylcyclohexane	6236-88-0
2303	98001	0.00792349	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,3-Dimethylbutane	79-29-8
2303	98004	0.0001402	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methyl-2-Pentene	625-27-4
2303	98006	0.00000672	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-3-Heptene	14686-14-7
2303	98007	0.00132919	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Ethyl-2-Pentene	#N/A
2303	98033	0.01660483	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2,5-Trimethylhexane	3522-94-9
2303	98034	0.00014036	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-2-Hexene	4050-45-7
2303	98040	0.00016644	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methyl-1-Pentene	763-29-1
2303	98043	0.00020091	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cumene	98-82-8
2303	98044	0.00107456	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Indan	496-11-7
2303	98046	0.00368544	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Naphthalene	91-20-3
2303	98055	0.00021763	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,4,4-Trimethyl-2-Pentene	#N/A
2303	98057	0.00043304	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Ethylcyclopentane	1640-89-7
2303	98059	0.0003834	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-1,3-Dimethylcyclohexane	2207-03-6
2303	98061	0.00020355	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,3,5-Trimethylcyclohexane	1839-63-0
2303	98132	0.0306659	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Isopentane	78-78-4
2303	98136	0.00020823	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-3-Hexene	13269-52-8
2303	98139	0.00476031	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,3-Dimethylhexane	584-94-1
2303	98140	0.00300165	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2-Methylheptane	592-27-8
2303	98141	0.00048677	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,3,5-Trimethylhexane	1069-53-0
2303	98142	0.00108185	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,4-Dimethylheptane	2213-23-2
2303	98144	0.00059068	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3,5-Dimethylheptane	926-82-9
2303	98149	0.00063893	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,4-Dimethyloctane	4032-94-4
2303	98150	0.00030505	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3,4-Dimethylhexane	#N/A
2303	98152	0.00328589	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-3n-Propylbenzene	1074-43-7
2303	98153	0.00010753	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-3-Isopropylbenzene	535-77-3
2303	98154	0.00003134	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1,2-Diethylbenzene (Ortho)	135-01-3
2303	98156	0.0001663	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Crotonaldehyde	4170-30-3
2303	98157	0.00050398	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,6-Dimethylheptane	1072-05-5
2303	98159	0.00365898	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Hexaldehyde	#N/A
2303	98163	0.00006648	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methyl-Cis-2-Pentene	#N/A
2303	98169	0.00086677	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3,3-Dimethyl-1-Butene	558-37-2
2303	98171	0.00002678	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3,3-Dimethylhexane	#N/A
2303	98172	0.00123591	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3-Methyloctane	2216-33-3

ORG PROFILE NUMBER	SAROAD	WEIGHT FRACTION TOG	ORG PROFILE NAME	SPECIES	CAS
2303	98173	0.00321994	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	4-Methyloctane	2216-34-4
2303	98174	0.0002587	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2,4-Trimethylheptane	14720-74-2
2303	98175	0.00030777	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,2-Dimethyloctane	15869-87-1
2303	98176	0.00013695	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,5-Dimethyloctane	15869-89-3
2303	98177	0.00003323	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,6-Dimethyloctane	2051-30-1
2303	98178	0.00072985	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-2n-Propylbenzene	1074-17-5
2303	98179	0.00001392	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Ethyl-2n-Propylbenzene	#N/A
2303	98180	0.00100406	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Cis-1,3-Dimethylcyclohexane	638-04-0
2303	98181	0.00036009	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	Trans-1,4-Dimethylcyclohexane	2207-04-7
2303	98183	0.00021097	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	2,3-Dimethyloctane	7146-60-3
2303	98184	0.00015631	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	3,3-Dimethyloctane	4110-44-5
2303	98200	0.00105116	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	N-Valeraldehyde	#N/A
2303	99912	0.014498	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-3-Ethylbenzene	620-14-4
2303	99914	0.00461214	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-4-Ethylbenzene	622-96-8
2303	99915	0.00398895	Gasoline - catalyst - stabilized exhaust - E6 summer (ARB VSP17)	1-Methyl-2-Ethylbenzene	611-14-3
AIRCRAFT		0.00106	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1,2,3-trimethylbenzene	526-73-8
AIRCRAFT		0.0035	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1,2,4-trimethylbenzene	95-63-6
AIRCRAFT		0.00054	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1,3,5-trimethylbenzene	108-67-8
AIRCRAFT		0.01687	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1,3-butadiene	106-99-0
AIRCRAFT		0.00185	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1-decene	872-05-9
AIRCRAFT		0.00438	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1-heptene	25339-56-4
AIRCRAFT		0.00736	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1-hexene	592-41-6
AIRCRAFT		0.00247	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1-methyl naphthalene	90-12-0
AIRCRAFT		0.00246	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1-nonene	124-11-8
AIRCRAFT		0.00276	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1-octene	25377-83-7
AIRCRAFT		0.00776	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	1-pentene	109-67-1
AIRCRAFT		0.0014	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	2-methyl-1-butene	563-46-2
AIRCRAFT		0.00034	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	2-methyl-1-pentene	763-29-1
AIRCRAFT		0.00185	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	2-methyl-2-butene	513-35-9
AIRCRAFT		0.00206	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	2-methyl-naphthalene	91-57-6
AIRCRAFT		0.00408	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	2-methylpentane	107-83-5
AIRCRAFT		0.00112	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	3-methyl-1-butene	563-45-1
AIRCRAFT		0.00069	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	4-methyl-1-pentene	691-37-2
AIRCRAFT		0.04272	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	acetaldehyde	75-07-0
AIRCRAFT		0.00369	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	acetone	67-64-1
AIRCRAFT		0.03939	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	acetylene	74-86-2
AIRCRAFT		0.02449	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	acrolein	107-02-8
AIRCRAFT		0.0047	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	benzaldehyde	100-52-7
AIRCRAFT		0.01681	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	benzene	71-43-2
AIRCRAFT		0.00119	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	butyraldehyde	123-72-8
AIRCRAFT		0.00186	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	c14-alkane	--
AIRCRAFT		0.00177	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	c15-alkane	--
AIRCRAFT		0.00146	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	c16-alkane	--
AIRCRAFT		0.00002	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	c18-alkane	--
AIRCRAFT		0.00656	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	c4-benzene + c3-aroald	--
AIRCRAFT		0.00324	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	c5-benzene + c4-aroald	--
AIRCRAFT		0.0021	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	cis-2-butene	590-18-1
AIRCRAFT		0.00276	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	cis-2-pentene	627-20-3
AIRCRAFT		0.01033	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	crotonaldehyde	4170-30-3
AIRCRAFT		0.0009	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	dimethylnapthalenes	28804-88-8
AIRCRAFT		0.00521	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	ethane	74-84-0
AIRCRAFT		0.00174	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	ethyl benzene	100-41-4
AIRCRAFT		0.15461	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	ethylene	74-85-1
AIRCRAFT		0.1231	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	formaldehyde	50-00-0
AIRCRAFT		0.01816	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	glyoxal	107-22-2
AIRCRAFT		0.01754	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	isobutene/1-butene	106-98-9
AIRCRAFT		0.00003	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	isopropylbenzene	98-82-8
AIRCRAFT		0.00032	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	isovaleraldehyde	590-86-3
AIRCRAFT		0.00429	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	methacrolein	78-85-3
AIRCRAFT		0.01805	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	methanol	67-56-1
AIRCRAFT		0.01503	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	methylglyoxal	78-98-8
AIRCRAFT		0.00154	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	m-ethyltoluene	620-14-4
AIRCRAFT		0.00278	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	m-tolualdehyde	620-23-5
AIRCRAFT		0.00541	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	naphthalene	91-20-3
AIRCRAFT		0.0032	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-decane	124-18-5
AIRCRAFT		0.00462	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-dodecane	112-40-3
AIRCRAFT		0.00009	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-heptadecane	629-78-7
AIRCRAFT		0.00064	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-heptane	142-82-5
AIRCRAFT		0.00049	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-hexadecane	544-76-3
AIRCRAFT		0.00062	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-nonane	111-84-2
AIRCRAFT		0.00062	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-octane	111-65-9
AIRCRAFT		0.00173	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-pentadecane	629-62-9
AIRCRAFT		0.00198	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-pentane	109-66-0
AIRCRAFT		0.00053	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-propylbenzene	103-65-1
AIRCRAFT		0.00416	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-tetradecane	629-59-4
AIRCRAFT		0.00535	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-tridecane	629-50-5
AIRCRAFT		0.00444	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	n-undecane	1120-21-4
AIRCRAFT		0.00065	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	o-ethyltoluene	611-14-3
AIRCRAFT		0.0023	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	o-tolualdehyde	529-20-4
AIRCRAFT		0.00166	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	o-xylene	95-47-6
AIRCRAFT		0.00064	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	p-ethyltoluene	622-96-8
AIRCRAFT		0.00726	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	phenol	108-95-2
AIRCRAFT		0.00078	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	propane	74-98-6
AIRCRAFT		0.00727	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	propionaldehyde	123-38-6
AIRCRAFT		0.04534	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	propylene	115-07-1
AIRCRAFT		0.00048	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	p-tolualdehyde	104-87-0
AIRCRAFT		0.00309	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	styrene	100-42-5
AIRCRAFT		0.00642	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	toluene	108-88-3
AIRCRAFT		0.0003	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	trans-2-hexene	4050-45-7
AIRCRAFT		0.00359	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	trans-2-pentene	646-04-8
AIRCRAFT		0.29213	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	unidentified	999-99-9
AIRCRAFT		0.00245	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	valeraldehyde	110-62-3
AIRCRAFT		0.00282	Aircraft Equipped with Turbofan, Turbojet, and Turboprop Engines	xylenes (mixed)	1330-20-7

R-D3 – Risk Summary

Peak Construction (PP) Acute 1-Hour Non-Cancer Health Hazard: PH2A 2027

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-1749.69	-63.90	0.0967

Top Three TAC by Risk Constribution for MEI:
FORMALDEHYDE (65.5%), BENZENE (18.3%), NICKEL AND COMPOUNDS (8.2%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1710.89	-383.91	0.0464
Worker	-1778.03	-291.29	0.0673
Worker	-1732.28	175.05	0.0423
Worker	-1579.43	347.93	0.0210
Worker	-1525.43	516.64	0.0139
Worker	-1332.88	500.04	0.0118
Resident	-1140.45	476.3	0.0071
Resident	-672.12	353.55	0.0094
Worker	-169.37	170.38	0.0079
Resident	-75.04	299.11	0.0055
Resident	49.15	527.2	0.0035
Worker	144.22	648.15	0.0031
Worker	394.15	623.31	0.0024
Resident	501.62	717.12	0.0019
Resident	618.47	665.12	0.0021
Resident	755.45	579.13	0.0027
Resident	867.79	485.41	0.0034
Resident	955.03	377.6	0.0040
Resident	1331.68	-165.58	0.0031
Resident	1406.74	-290.13	0.0036
Resident	1456.20	-436.06	0.0040
Worker	1209.21	-528.32	0.0042
Worker	913.01	-694.67	0.0030
Worker	717.24	-664.22	0.0032
Worker	544.23	-594.35	0.0040
Acute	338.12	-539.73	0.0048
Worker	123.44	-529.45	0.0051
Worker	-353.26	-515.05	0.0081
Worker	-537.68	-487.8	0.0123
Acute	-775.51	-486.07	0.0144
Acute	-1414.44	-481.5	0.0244
Worker	-1515.21	-320.18	0.0488
Worker	-1749.69	-63.9	0.0967
Worker	-920.57	426.17	0.0079
Resident	-420.73	233.87	0.0068
Resident	1090.12	214.1	0.0039
Resident	1183.39	65.17	0.0029
Worker	1055.30	-577.42	0.0040
Worker	-103.02	-518.78	0.0058
Acute	-1076.39	-488.67	0.0124
Resident	-4113.79	-1330.97	0.0025
Resident	-5050.04	-958.41	0.0021
Resident	-4023.97	-112.26	0.0035
Resident	-2122.34	995.23	0.0042
Resident	-2734.69	227.4	0.0087
Resident	-2371.11	-69.21	0.0126
Resident	-2146.26	177.17	0.0180
Worker	-1919.02	445.07	0.0138
Worker	-1651.12	607.72	0.0112
Resident	-3361.39	677.09	0.0039
Resident	-3026.51	724.93	0.0056
Worker	-1679.82	1478.41	0.0040
Resident	-922.86	446.42	0.0078
Resident	-1799.42	1088.51	0.0059
Resident	-359.36	1846.44	0.0018
Worker	671.30	-742.78	0.0025
Worker	-1565.55	-932.22	0.0101
Worker	-1733.02	-528.24	0.0262
Worker	-1261.46	-507.67	0.0169
Worker	-883.92	-503.26	0.0136
Worker	1599.35	-1104.97	0.0011
Worker	1608.16	-1382.63	0.0013
Resident	3517.15	-1425.27	0.0008
Resident	2959.77	-846.37	0.0020
Resident	3479.67	224.81	0.0009
Resident	44.43	1469.76	0.0020
Resident	3044.83	-34	0.0012

Peak Construction (PP) Acute 8-Hour Non-Cancer Health Hazard: PH1A1B 2024

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-775.51	-486.07	0.1904

Top Three TAC by Risk Constribution for MEI:
Eyes - FORMALDEHYDE (62.8%), MANGANESE AND COMPOUNDS (36.2%), ACETALDEHYDE (0.9%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1710.89	-383.91	0.0398
Worker	-1778.03	-291.29	0.0440
Worker	-1732.28	175.05	0.0460
Worker	-1579.43	347.93	0.0318
Worker	-1525.43	516.64	0.0267
Worker	-1332.88	500.04	0.0303
Resident	-1140.45	476.3	0.0346
Resident	-672.12	353.55	0.0604
Worker	-169.37	170.38	0.0678
Resident	-75.04	299.11	0.0524
Resident	49.15	527.2	0.0388
Worker	144.22	648.15	0.0337
Worker	394.15	623.31	0.0326
Resident	501.62	717.12	0.0294
Resident	618.47	665.12	0.0303
Resident	755.45	579.13	0.0281
Resident	867.79	485.41	0.0232
Resident	955.03	377.6	0.0220
Resident	1331.68	-165.58	0.0171
Resident	1406.74	-290.13	0.0180
Resident	1456.20	-436.06	0.0197
Worker	1209.21	-528.32	0.0262
Worker	913.01	-694.67	0.0509
Worker	717.24	-664.22	0.0571
Worker	544.23	-594.35	0.0729
Acute	338.12	-539.73	0.0979
Worker	123.44	-529.45	0.1348
Worker	-353.26	-515.05	0.1486
Worker	-537.68	-487.8	0.1623
Acute	-775.51	-486.07	0.1904
Acute	-1414.44	-481.5	0.0629
Worker	-1515.21	-320.18	0.0594
Worker	-1749.69	-63.9	0.0492
Worker	-920.57	426.17	0.0341
Resident	-420.73	233.87	0.0568
Resident	1090.12	214.1	0.0216
Resident	1183.39	65.17	0.0173
Worker	1055.30	-577.42	0.0383
Worker	-103.02	-518.78	0.1544
Acute	-1076.39	-488.67	0.1276
Resident	-4113.79	-1330.97	0.0068
Resident	-5050.04	-958.41	0.0051
Resident	-4023.97	-112.26	0.0109
Resident	-2122.34	995.23	0.0147
Resident	-2734.69	227.4	0.0235
Resident	-2371.11	-69.21	0.0279
Resident	-2146.26	177.17	0.0353
Worker	-1919.02	445.07	0.0264
Worker	-1651.12	607.72	0.0234
Resident	-3361.39	677.09	0.0158
Resident	-3026.51	724.93	0.0168
Worker	-1679.82	1478.41	0.0119
Resident	-922.86	446.42	0.0329
Resident	-1799.42	1088.51	0.0137
Resident	-359.36	1846.44	0.0158
Worker	671.30	-742.78	0.0483
Worker	-1565.55	-932.22	0.0336
Worker	-1733.02	-528.24	0.0372
Worker	-1261.46	-507.67	0.0841
Worker	-883.92	-503.26	0.1812
Worker	1599.35	-1104.97	0.0211
Worker	1608.16	-1382.63	0.0183
Resident	3517.15	-1425.27	0.0103
Resident	2959.77	-846.37	0.0081
Resident	3479.67	224.81	0.0046
Resident	44.43	1469.76	0.0168
Resident	3044.83	-34	0.0058

Peak Construction (PP) Chronic Non-Cancer Health Hazard: PH1A1B 2024

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEIR:	-420.73	233.87	0.0320
MEIW:	-103.02	-518.78	0.2239

Top Three TAC by Risk Constribution for MEIR:
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES (57.66%), CHLORINE (18.37%), FORMALDEHYDE (15.21%)

Top Three TAC by Risk Constribution for MEIW:
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES (58.20%), CHLORINE (17.93%), FORMALDEHYDE (15.29%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1710.89	-383.91	0.0075
Worker	-1778.03	-291.29	0.0072
Worker	-1732.28	175.05	0.0059
Worker	-1579.43	347.93	0.0048
Worker	-1525.43	516.64	0.0036
Worker	-1332.88	500.04	0.0043
Resident	-1140.45	476.3	0.0056
Resident	-672.12	353.55	0.0174
Worker	-169.37	170.38	0.0394
Resident	-75.04	299.11	0.0279
Resident	49.15	527.2	0.0172
Worker	144.22	648.15	0.0137
Worker	394.15	623.31	0.0118
Resident	501.62	717.12	0.0097
Resident	618.47	665.12	0.0090
Resident	755.45	579.13	0.0081
Resident	867.79	485.41	0.0072
Resident	955.03	377.6	0.0065
Resident	1331.68	-165.58	0.0048
Resident	1406.74	-290.13	0.0051
Resident	1456.20	-436.06	0.0062
Worker	1209.21	-528.32	0.0112
Worker	913.01	-694.67	0.0330
Worker	717.24	-664.22	0.0628
Worker	544.23	-594.35	0.0881
Acute	338.12	-539.73	0.1220
Worker	123.44	-529.45	0.1956
Worker	-353.26	-515.05	0.2047
Worker	-537.68	-487.8	0.2065
Acute	-775.51	-486.07	0.1758
Acute	-1414.44	-481.5	0.0115
Worker	-1515.21	-320.18	0.0107
Worker	-1749.69	-63.9	0.0074
Worker	-920.57	426.17	0.0090
Resident	-420.73	233.87	0.0320
Resident	1090.12	214.1	0.0054
Resident	1183.39	65.17	0.0049
Worker	1055.30	-577.42	0.0175
Worker	-103.02	-518.78	0.2239
Acute	-1076.39	-488.67	0.0499
Resident	-4113.79	-1330.97	0.0010
Resident	-5050.04	-958.41	0.0008
Resident	-4023.97	-112.26	0.0014
Resident	-2122.34	995.23	0.0015
Resident	-2734.69	227.4	0.0029
Resident	-2371.11	-69.21	0.0040
Resident	-2146.26	177.17	0.0044
Worker	-1919.02	445.07	0.0035
Worker	-1651.12	607.72	0.0029
Resident	-3361.39	677.09	0.0017
Resident	-3026.51	724.93	0.0018
Worker	-1679.82	1478.41	0.0014
Resident	-922.86	446.42	0.0087
Resident	-1799.42	1088.51	0.0016
Resident	-359.36	1846.44	0.0037
Worker	671.30	-742.78	0.0492
Worker	-1565.55	-932.22	0.0072
Worker	-1733.02	-528.24	0.0066
Worker	-1261.46	-507.67	0.0166
Worker	-883.92	-503.26	0.1224
Worker	1599.35	-1104.97	0.0116
Worker	1608.16	-1382.63	0.0105
Resident	3517.15	-1425.27	0.0029
Resident	2959.77	-846.37	0.0025
Resident	3479.67	224.81	0.0010
Resident	44.43	1469.76	0.0055
Resident	3044.83	-34	0.0013

Peak Operations (PP) Acute 1-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-1732.28	175.05	0.2137

Top Three TAC by Risk Constribution for MEI:
Eyes - ACROLEIN (74.8%), FORMALDEHYDE (23.5%), ACETALDEHYDE (1.1%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0043
Worker	-1778.03	-291.29	0.0040
Worker	-1732.28	175.05	0.2137
Worker	-1579.43	347.93	0.1793
Worker	-1525.43	516.64	0.0766
Worker	-1332.88	500.04	0.0695
Resident	-1140.45	476.3	0.1755
Resident	-672.12	353.55	0.0394
Worker	-169.37	170.38	0.0316
Resident	-75.04	299.11	0.0693
Resident	49.15	527.2	0.0704
Worker	144.22	648.15	0.0670
Worker	394.15	623.31	0.0690
Resident	492.42	722.26	0.0646
Resident	618.47	665.12	0.0671
Resident	755.45	579.13	0.0702
Resident	867.79	485.41	0.0718
Resident	955.03	377.6	0.0733
Resident	1312.97	-141.14	0.0544
Resident	1406.74	-290.13	0.1098
Resident	1456.20	-436.06	0.1470
Worker	1209.21	-528.32	0.1494
Worker	913.01	-694.67	0.0419
Worker	717.24	-664.22	0.0432
Worker	544.23	-590.69	0.0480
Acute	338.12	-539.73	0.0485
Worker	123.44	-529.45	0.0455
Worker	-353.26	-515.05	0.0448
Worker	-537.68	-487.8	0.0404
Acute	-775.34	-482.61	0.0330
Acute	-1419.22	-480.76	0.0152
Worker	-1492.25	-316.21	0.0054
Worker	-1749.69	-63.9	0.0269
Worker	-920.57	426.17	0.0449
Resident	-420.73	233.87	0.0300
Resident	1090.12	214.1	0.0703
Resident	1183.39	65.17	0.0452
Worker	1060.08	-588.25	0.1037
Worker	-103.02	-518.78	0.0507
Acute	-1075.17	-481.95	0.0230
Resident	-4113.79	-1330.97	0.0111
Resident	-5050.04	-958.41	0.0023
Resident	-4023.97	-112.26	0.0200
Resident	-2122.34	995.23	0.0217
Resident	-2734.69	227.4	0.0693
Resident	-2371.11	-69.21	0.0451
Resident	-2146.26	177.17	0.1122
Worker	-1919.02	445.07	0.0979
Worker	-1651.12	607.72	0.0530
Resident	-3361.39	677.09	0.0400
Resident	-3026.51	724.93	0.0315
Worker	-1679.82	1478.41	0.0495
Resident	-922.86	446.42	0.0588
Resident	-1799.42	1088.51	0.0606
Resident	-359.36	1846.44	0.0348
Worker	671.30	-742.78	0.0323
Worker	-1565.55	-932.22	0.0158
Worker	-1733.02	-528.24	0.0114
Worker	-1261.46	-507.67	0.0244
Worker	-883.92	-503.26	0.0320
Worker	1599.35	-1104.97	0.0354
Worker	1608.16	-1382.63	0.0184
Resident	3517.15	-1425.27	0.0322
Resident	2959.77	-846.37	0.0200
Resident	3479.67	224.81	0.0271
Resident	44.43	1469.76	0.0511
Resident	3044.83	-34	0.0387

Peak Operations (PP) Acute 8-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	1456.20	-436.06	0.3679

Top Three TAC by Risk Constribution for MEI:
ACROLEIN (66.9%), FORMALDEHYDE (26.2%), MANGANESE AND COMPOUNDS (6.7%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0765
Worker	-1778.03	-291.29	0.0796
Worker	-1732.28	175.05	0.2284
Worker	-1579.43	347.93	0.1554
Worker	-1525.43	516.64	0.1516
Worker	-1332.88	500.04	0.1603
Resident	-1140.45	476.3	0.1496
Resident	-672.12	353.55	0.0995
Worker	-169.37	170.38	0.0914
Resident	-75.04	299.11	0.0964
Resident	49.15	527.2	0.0886
Worker	144.22	648.15	0.0800
Worker	394.15	623.31	0.0877
Resident	492.42	722.26	0.0787
Resident	618.47	665.12	0.0763
Resident	755.45	579.13	0.0773
Resident	867.79	485.41	0.0903
Resident	955.03	377.6	0.1009
Resident	1312.97	-141.14	0.1360
Resident	1406.74	-290.13	0.1776
Resident	1456.20	-436.06	0.3679
Worker	1209.21	-528.32	0.2913
Worker	913.01	-694.67	0.1558
Worker	717.24	-664.22	0.1426
Worker	544.23	-590.69	0.1771
Acute	338.12	-539.73	0.1746
Worker	123.44	-529.45	0.1592
Worker	-353.26	-515.05	0.1080
Worker	-537.68	-487.8	0.1003
Acute	-775.34	-482.61	0.0922
Acute	-1419.22	-480.76	0.0875
Worker	-1492.25	-316.21	0.1001
Worker	-1749.69	-63.9	0.1026
Worker	-920.57	426.17	0.1086
Resident	-420.73	233.87	0.0958
Resident	1090.12	214.1	0.1140
Resident	1183.39	65.17	0.1162
Worker	1060.08	-588.25	0.1916
Worker	-103.02	-518.78	0.1379
Acute	-1075.17	-481.95	0.0808
Resident	-4113.79	-1330.97	0.0255
Resident	-5050.04	-958.41	0.0153
Resident	-4023.97	-112.26	0.0181
Resident	-2122.34	995.23	0.0586
Resident	-2734.69	227.4	0.0257
Resident	-2371.11	-69.21	0.0531
Resident	-2146.26	177.17	0.0534
Worker	-1919.02	445.07	0.0987
Worker	-1651.12	607.72	0.1151
Resident	-3361.39	677.09	0.0203
Resident	-3026.51	724.93	0.0264
Worker	-1679.82	1478.41	0.0443
Resident	-922.86	446.42	0.1093
Resident	-1799.42	1088.51	0.0507
Resident	-359.36	1846.44	0.0434
Worker	671.30	-742.78	0.1079
Worker	-1565.55	-932.22	0.0654
Worker	-1733.02	-528.24	0.0677
Worker	-1261.46	-507.67	0.0822
Worker	-883.92	-503.26	0.0866
Worker	1599.35	-1104.97	0.1218
Worker	1608.16	-1382.63	0.0659
Resident	3517.15	-1425.27	0.0549
Resident	2959.77	-846.37	0.0670
Resident	3479.67	224.81	0.0366
Resident	44.43	1469.76	0.0556
Resident	3044.83	-34	0.0662

Peak Operations (PP) Chronic Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEIR:	1183.39	65.17	0.2423
MEIW:	913.01	-694.67	0.4695

Top Three TAC by Risk Constribution for MEIR:
CHLORINE (69.81%), NICKEL AND COMPOUNDS (15.70%), PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES (6.8

Top Three TAC by Risk Constribution for MEIW:
CHLORINE (68.93%), NICKEL AND COMPOUNDS (16.68%), ACROLEIN (10.95%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0312
Worker	-1778.03	-291.29	0.0319
Worker	-1732.28	175.05	0.0552
Worker	-1579.43	347.93	0.0612
Worker	-1525.43	516.64	0.0300
Worker	-1332.88	500.04	0.0444
Resident	-1140.45	476.3	0.0359
Resident	-672.12	353.55	0.0190
Worker	-169.37	170.38	0.0605
Resident	-75.04	299.11	0.0434
Resident	49.15	527.2	0.0300
Worker	144.22	648.15	0.0289
Worker	394.15	623.31	0.0203
Resident	492.42	722.26	0.0811
Resident	618.47	665.12	0.0627
Resident	755.45	579.13	0.0631
Resident	867.79	485.41	0.0745
Resident	955.03	377.6	0.0822
Resident	1312.97	-141.14	0.2381
Resident	1406.74	-290.13	0.1583
Resident	1456.20	-436.06	0.2095
Worker	1209.21	-528.32	0.2523
Worker	913.01	-694.67	0.4695
Worker	717.24	-664.22	0.2898
Worker	544.23	-590.69	0.3027
Acute	338.12	-539.73	0.3561
Worker	123.44	-529.45	0.4271
Worker	-353.26	-515.05	0.0466
Worker	-537.68	-487.8	0.0617
Acute	-775.34	-482.61	0.0308
Acute	-1419.22	-480.76	0.0686
Worker	-1492.25	-316.21	0.0511
Worker	-1749.69	-63.9	0.0773
Worker	-920.57	426.17	0.0197
Resident	-420.73	233.87	0.0337
Resident	1090.12	214.1	0.1778
Resident	1183.39	65.17	0.2423
Worker	1060.08	-588.25	0.2320
Worker	-103.02	-518.78	0.1749
Acute	-1075.17	-481.95	0.0308
Resident	-4113.79	-1330.97	0.0022
Resident	-5050.04	-958.41	0.0015
Resident	-4023.97	-112.26	0.0021
Resident	-2122.34	995.23	0.0041
Resident	-2734.69	227.4	0.0046
Resident	-2371.11	-69.21	0.0078
Resident	-2146.26	177.17	0.0094
Worker	-1919.02	445.07	0.0092
Worker	-1651.12	607.72	0.0177
Resident	-3361.39	677.09	0.0025
Resident	-3026.51	724.93	0.0029
Worker	-1679.82	1478.41	0.0056
Resident	-922.86	446.42	0.0198
Resident	-1799.42	1088.51	0.0066
Resident	-359.36	1846.44	0.0091
Worker	671.30	-742.78	0.1829
Worker	-1565.55	-932.22	0.0940
Worker	-1733.02	-528.24	0.0620
Worker	-1261.46	-507.67	0.0299
Worker	-883.92	-503.26	0.0308
Worker	1599.35	-1104.97	0.2417
Worker	1608.16	-1382.63	0.1116
Resident	3517.15	-1425.27	0.0244
Resident	2959.77	-846.37	0.0252
Resident	3479.67	224.81	0.0062
Resident	44.43	1469.76	0.0141
Resident	3044.83	-34	0.0104

Proposed Project Operations Non-Cancer Health Hazards without Mitigation

Peak Operations (PP) Acute 1-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-1732.28	175.05	0.1983

Top Three TAC by Risk Constribution for MEI:
Eyes - ACROLEIN (80.6%), FORMALDEHYDE (18.4%), ACETALDEHYDE (0.7%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0043
Worker	-1778.03	-291.29	0.0040
Worker	-1732.28	175.05	0.1983
Worker	-1579.43	347.93	0.1793
Worker	-1525.43	516.64	0.0764
Worker	-1332.88	500.04	0.0692
Resident	-1140.45	476.3	0.1753
Resident	-672.12	353.55	0.0393
Worker	-169.37	170.38	0.0314
Resident	-75.04	299.11	0.0692
Resident	49.15	527.2	0.0703
Worker	144.22	648.15	0.0669
Worker	394.15	623.31	0.0690
Resident	492.42	722.26	0.0645
Resident	618.47	665.12	0.0670
Resident	755.45	579.13	0.0701
Resident	867.79	485.41	0.0717
Resident	955.03	377.6	0.0732
Resident	1312.97	-141.14	0.0534
Resident	1406.74	-290.13	0.1097
Resident	1456.20	-436.06	0.1461
Worker	1209.21	-528.32	0.1483
Worker	913.01	-694.67	0.0410
Worker	717.24	-664.22	0.0421
Worker	544.23	-590.69	0.0455
Acute	338.12	-539.73	0.0427
Worker	123.44	-529.45	0.0400
Worker	-353.26	-515.05	0.0445
Worker	-537.68	-487.8	0.0404
Acute	-775.34	-482.61	0.0329
Acute	-1419.22	-480.76	0.0152
Worker	-1492.25	-316.21	0.0054
Worker	-1749.69	-63.9	0.0211
Worker	-920.57	426.17	0.0446
Resident	-420.73	233.87	0.0299
Resident	1090.12	214.1	0.0701
Resident	1183.39	65.17	0.0388
Worker	1060.08	-588.25	0.1024
Worker	-103.02	-518.78	0.0490
Acute	-1075.17	-481.95	0.0229
Resident	-4113.79	-1330.97	0.0111
Resident	-5050.04	-958.41	0.0019
Resident	-4023.97	-112.26	0.0199
Resident	-2122.34	995.23	0.0216
Resident	-2734.69	227.4	0.0691
Resident	-2371.11	-69.21	0.0449
Resident	-2146.26	177.17	0.1097
Worker	-1919.02	445.07	0.0977
Worker	-1651.12	607.72	0.0529
Resident	-3361.39	677.09	0.0399
Resident	-3026.51	724.93	0.0314
Worker	-1679.82	1478.41	0.0494
Resident	-922.86	446.42	0.0586
Resident	-1799.42	1088.51	0.0604
Resident	-359.36	1846.44	0.0348
Worker	671.30	-742.78	0.0313
Worker	-1565.55	-932.22	0.0156
Worker	-1733.02	-528.24	0.0112
Worker	-1261.46	-507.67	0.0244
Worker	-883.92	-503.26	0.0318
Worker	1599.35	-1104.97	0.0353
Worker	1608.16	-1382.63	0.0183
Resident	3517.15	-1425.27	0.0322
Resident	2959.77	-846.37	0.0199
Resident	3479.67	224.81	0.0271
Resident	44.43	1469.76	0.0510
Resident	3044.83	-34	0.0386

Peak Operations (PP) Acute 8-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	1456.20	-436.06	0.3675

Top Three TAC by Risk Constribution for MEI:
ACROLEIN (67.0%), FORMALDEHYDE (26.2%), MANGANESE AND COMPOUNDS (6.6%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0764
Worker	-1778.03	-291.29	0.0795
Worker	-1732.28	175.05	0.1468
Worker	-1579.43	347.93	0.1539
Worker	-1525.43	516.64	0.1512
Worker	-1332.88	500.04	0.1603
Resident	-1140.45	476.3	0.1496
Resident	-672.12	353.55	0.0995
Worker	-169.37	170.38	0.0910
Resident	-75.04	299.11	0.0959
Resident	49.15	527.2	0.0883
Worker	144.22	648.15	0.0799
Worker	394.15	623.31	0.0873
Resident	492.42	722.26	0.0784
Resident	618.47	665.12	0.0760
Resident	755.45	579.13	0.0769
Resident	867.79	485.41	0.0897
Resident	955.03	377.6	0.1000
Resident	1312.97	-141.14	0.1282
Resident	1406.74	-290.13	0.1725
Resident	1456.20	-436.06	0.3675
Worker	1209.21	-528.32	0.2899
Worker	913.01	-694.67	0.1498
Worker	717.24	-664.22	0.1331
Worker	544.23	-590.69	0.1609
Acute	338.12	-539.73	0.1509
Worker	123.44	-529.45	0.1456
Worker	-353.26	-515.05	0.1080
Worker	-537.68	-487.8	0.1003
Acute	-775.34	-482.61	0.0922
Acute	-1419.22	-480.76	0.0872
Worker	-1492.25	-316.21	0.0999
Worker	-1749.69	-63.9	0.0785
Worker	-920.57	426.17	0.1085
Resident	-420.73	233.87	0.0958
Resident	1090.12	214.1	0.1130
Resident	1183.39	65.17	0.1112
Worker	1060.08	-588.25	0.1888
Worker	-103.02	-518.78	0.1356
Acute	-1075.17	-481.95	0.0808
Resident	-4113.79	-1330.97	0.0254
Resident	-5050.04	-958.41	0.0152
Resident	-4023.97	-112.26	0.0179
Resident	-2122.34	995.23	0.0582
Resident	-2734.69	227.4	0.0253
Resident	-2371.11	-69.21	0.0524
Resident	-2146.26	177.17	0.0527
Worker	-1919.02	445.07	0.0882
Worker	-1651.12	607.72	0.1141
Resident	-3361.39	677.09	0.0200
Resident	-3026.51	724.93	0.0261
Worker	-1679.82	1478.41	0.0440
Resident	-922.86	446.42	0.1091
Resident	-1799.42	1088.51	0.0502
Resident	-359.36	1846.44	0.0431
Worker	671.30	-742.78	0.1034
Worker	-1565.55	-932.22	0.0649
Worker	-1733.02	-528.24	0.0668
Worker	-1261.46	-507.67	0.0822
Worker	-883.92	-503.26	0.0866
Worker	1599.35	-1104.97	0.1214
Worker	1608.16	-1382.63	0.0655
Resident	3517.15	-1425.27	0.0547
Resident	2959.77	-846.37	0.0668
Resident	3479.67	224.81	0.0365
Resident	44.43	1469.76	0.0553
Resident	3044.83	-34	0.0660

Peak Operations (PP) Chronic Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEIR:	1183.39	65.17	0.2106
MEIW:	913.01	-694.67	0.4510

Top Three TAC by Risk Constribution for MEIR:
CHLORINE (73.16%), NICKEL AND COMPOUNDS (17.33%), ACROLEIN (6.71%)

Top Three TAC by Risk Constribution for MEIW:
CHLORINE (69.78%), NICKEL AND COMPOUNDS (17.16%), ACROLEIN (11.40%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0132
Worker	-1778.03	-291.29	0.0122
Worker	-1732.28	175.05	0.0300
Worker	-1579.43	347.93	0.0334
Worker	-1525.43	516.64	0.0157
Worker	-1332.88	500.04	0.0266
Resident	-1140.45	476.3	0.0266
Resident	-672.12	353.55	0.0112
Worker	-169.37	170.38	0.0432
Resident	-75.04	299.11	0.0310
Resident	49.15	527.2	0.0219
Worker	144.22	648.15	0.0222
Worker	394.15	623.31	0.0143
Resident	492.42	722.26	0.0753
Resident	618.47	665.12	0.0563
Resident	755.45	579.13	0.0555
Resident	867.79	485.41	0.0658
Resident	955.03	377.6	0.0715
Resident	1312.97	-141.14	0.2089
Resident	1406.74	-290.13	0.1408
Resident	1456.20	-436.06	0.1971
Worker	1209.21	-528.32	0.2382
Worker	913.01	-694.67	0.4510
Worker	717.24	-664.22	0.2667
Worker	544.23	-590.69	0.2730
Acute	338.12	-539.73	0.3100
Worker	123.44	-529.45	0.3538
Worker	-353.26	-515.05	0.0267
Worker	-537.68	-487.8	0.0167
Acute	-775.34	-482.61	0.0090
Acute	-1419.22	-480.76	0.0311
Worker	-1492.25	-316.21	0.0216
Worker	-1749.69	-63.9	0.0380
Worker	-920.57	426.17	0.0116
Resident	-420.73	233.87	0.0215
Resident	1090.12	214.1	0.1583
Resident	1183.39	65.17	0.2106
Worker	1060.08	-588.25	0.2161
Worker	-103.02	-518.78	0.1040
Acute	-1075.17	-481.95	0.0088
Resident	-4113.79	-1330.97	0.0015
Resident	-5050.04	-958.41	0.0010
Resident	-4023.97	-112.26	0.0013
Resident	-2122.34	995.23	0.0027
Resident	-2734.69	227.4	0.0027
Resident	-2371.11	-69.21	0.0043
Resident	-2146.26	177.17	0.0052
Worker	-1919.02	445.07	0.0056
Worker	-1651.12	607.72	0.0095
Resident	-3361.39	677.09	0.0016
Resident	-3026.51	724.93	0.0019
Worker	-1679.82	1478.41	0.0032
Resident	-922.86	446.42	0.0119
Resident	-1799.42	1088.51	0.0038
Resident	-359.36	1846.44	0.0059
Worker	671.30	-742.78	0.1594
Worker	-1565.55	-932.22	0.0814
Worker	-1733.02	-528.24	0.0447
Worker	-1261.46	-507.67	0.0114
Worker	-883.92	-503.26	0.0095
Worker	1599.35	-1104.97	0.2321
Worker	1608.16	-1382.63	0.1028
Resident	3517.15	-1425.27	0.0213
Resident	2959.77	-846.37	0.0221
Resident	3479.67	224.81	0.0054
Resident	44.43	1469.76	0.0100
Resident	3044.83	-34	0.0093

Peak Construction (A4) Acute 1-Hour Non-Cancer Health Hazard: PH1A1B 2024

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-883.92	-503.26	0.0599

Top Three TAC by Risk Constribution for MEI:
FORMALDEHYDE (44.4%), NICKEL AND COMPOUNDS (26.9%), BENZENE (12.9%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1710.89	-383.91	0.0234
Worker	-1778.03	-291.29	0.0233
Worker	-1732.28	175.05	0.0219
Worker	-1579.43	347.93	0.0217
Worker	-1525.43	516.64	0.0206
Worker	-1332.88	500.04	0.0215
Resident	-1140.45	476.3	0.0229
Resident	-672.12	353.55	0.0228
Worker	-169.37	170.38	0.0216
Resident	-75.04	299.11	0.0176
Resident	49.15	527.2	0.0126
Worker	144.22	648.15	0.0110
Worker	394.15	623.31	0.0116
Resident	501.62	717.12	0.0106
Resident	618.47	665.12	0.0102
Resident	755.45	579.13	0.0103
Resident	867.79	485.41	0.0107
Resident	955.03	377.6	0.0110
Resident	1331.68	-165.58	0.0132
Resident	1406.74	-290.13	0.0155
Resident	1456.20	-436.06	0.0185
Worker	1209.21	-528.32	0.0213
Worker	913.01	-694.67	0.0187
Worker	717.24	-664.22	0.0210
Worker	544.23	-594.35	0.0246
Acute	338.12	-539.73	0.0315
Worker	123.44	-529.45	0.0338
Worker	-353.26	-515.05	0.0399
Worker	-537.68	-487.8	0.0431
Acute	-775.51	-486.07	0.0596
Acute	-1414.44	-481.5	0.0287
Worker	-1515.21	-320.18	0.0308
Worker	-1749.69	-63.9	0.0182
Worker	-920.57	426.17	0.0237
Resident	-420.73	233.87	0.0237
Resident	1090.12	214.1	0.0131
Resident	1183.39	65.17	0.0164
Worker	1055.30	-577.42	0.0213
Worker	-103.02	-518.78	0.0369
Acute	-1076.39	-488.67	0.0469
Resident	-4113.79	-1330.97	0.0046
Resident	-5050.04	-958.41	0.0037
Resident	-4023.97	-112.26	0.0052
Resident	-2122.34	995.23	0.0117
Resident	-2734.69	227.4	0.0095
Resident	-2371.11	-69.21	0.0107
Resident	-2146.26	177.17	0.0157
Worker	-1919.02	445.07	0.0145
Worker	-1651.12	607.72	0.0181
Resident	-3361.39	677.09	0.0082
Resident	-3026.51	724.93	0.0082
Worker	-1679.82	1478.41	0.0092
Resident	-922.86	446.42	0.0228
Resident	-1799.42	1088.51	0.0115
Resident	-359.36	1846.44	0.0056
Worker	671.30	-742.78	0.0173
Worker	-1565.55	-932.22	0.0161
Worker	-1733.02	-528.24	0.0205
Worker	-1261.46	-507.67	0.0338
Worker	-883.92	-503.26	0.0599
Worker	1599.35	-1104.97	0.0086
Worker	1608.16	-1382.63	0.0074
Resident	3517.15	-1425.27	0.0038
Resident	2959.77	-846.37	0.0072
Resident	3479.67	224.81	0.0048
Resident	44.43	1469.76	0.0082
Resident	3044.83	-34	0.0046

Peak Construction (A4) Acute 8-Hour Non-Cancer Health Hazard: PH1A1B 2024

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-775.51	-486.07	0.1884

Top Three TAC by Risk Constribution for MEI:
Eyes - FORMALDEHYDE (53.8%), MANGANESE AND COMPOUNDS (45.4%), ACETALDEHYDE (0.8%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1710.89	-383.91	0.0394
Worker	-1778.03	-291.29	0.0436
Worker	-1732.28	175.05	0.0460
Worker	-1579.43	347.93	0.0326
Worker	-1525.43	516.64	0.0268
Worker	-1332.88	500.04	0.0302
Resident	-1140.45	476.3	0.0338
Resident	-672.12	353.55	0.0527
Worker	-169.37	170.38	0.0633
Resident	-75.04	299.11	0.0510
Resident	49.15	527.2	0.0381
Worker	144.22	648.15	0.0335
Worker	394.15	623.31	0.0319
Resident	501.62	717.12	0.0287
Resident	618.47	665.12	0.0309
Resident	755.45	579.13	0.0314
Resident	867.79	485.41	0.0292
Resident	955.03	377.6	0.0255
Resident	1331.68	-165.58	0.0208
Resident	1406.74	-290.13	0.0227
Resident	1456.20	-436.06	0.0208
Worker	1209.21	-528.32	0.0353
Worker	913.01	-694.67	0.0560
Worker	717.24	-664.22	0.0639
Worker	544.23	-594.35	0.0785
Acute	338.12	-539.73	0.1075
Worker	123.44	-529.45	0.1466
Worker	-353.26	-515.05	0.1484
Worker	-537.68	-487.8	0.1563
Acute	-775.51	-486.07	0.1884
Acute	-1414.44	-481.5	0.0621
Worker	-1515.21	-320.18	0.0590
Worker	-1749.69	-63.9	0.0499
Worker	-920.57	426.17	0.0349
Resident	-420.73	233.87	0.0572
Resident	1090.12	214.1	0.0254
Resident	1183.39	65.17	0.0220
Worker	1055.30	-577.42	0.0486
Worker	-103.02	-518.78	0.1532
Acute	-1076.39	-488.67	0.1260
Resident	-4113.79	-1330.97	0.0069
Resident	-5050.04	-958.41	0.0053
Resident	-4023.97	-112.26	0.0107
Resident	-2122.34	995.23	0.0146
Resident	-2734.69	227.4	0.0238
Resident	-2371.11	-69.21	0.0280
Resident	-2146.26	177.17	0.0357
Worker	-1919.02	445.07	0.0263
Worker	-1651.12	607.72	0.0233
Resident	-3361.39	677.09	0.0161
Resident	-3026.51	724.93	0.0168
Worker	-1679.82	1478.41	0.0114
Resident	-922.86	446.42	0.0335
Resident	-1799.42	1088.51	0.0144
Resident	-359.36	1846.44	0.0156
Worker	671.30	-742.78	0.0525
Worker	-1565.55	-932.22	0.0338
Worker	-1733.02	-528.24	0.0366
Worker	-1261.46	-507.67	0.0821
Worker	-883.92	-503.26	0.1772
Worker	1599.35	-1104.97	0.0246
Worker	1608.16	-1382.63	0.0193
Resident	3517.15	-1425.27	0.0115
Resident	2959.77	-846.37	0.0093
Resident	3479.67	224.81	0.0048
Resident	44.43	1469.76	0.0181
Resident	3044.83	-34	0.0066

Peak Construction (A4) Chronic Non-Cancer Health Hazard: PH1A1B 2024

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEIR:	-420.73	233.87	0.0293
MEIW:	-103.02	-518.78	0.2257

Top Three TAC by Risk Constribution for MEIR:
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES (57.58%), CHLORINE (18.48%), FORMALDEHYDE (15.14%)

Top Three TAC by Risk Constribution for MEIW:
PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES (58.38%), CHLORINE (17.81%), FORMALDEHYDE (15.28%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1710.89	-383.91	0.0077
Worker	-1778.03	-291.29	0.0073
Worker	-1732.28	175.05	0.0060
Worker	-1579.43	347.93	0.0049
Worker	-1525.43	516.64	0.0038
Worker	-1332.88	500.04	0.0045
Resident	-1140.45	476.3	0.0057
Resident	-672.12	353.55	0.0165
Worker	-169.37	170.38	0.0391
Resident	-75.04	299.11	0.0279
Resident	49.15	527.2	0.0178
Worker	144.22	648.15	0.0145
Worker	394.15	623.31	0.0133
Resident	501.62	717.12	0.0111
Resident	618.47	665.12	0.0106
Resident	755.45	579.13	0.0098
Resident	867.79	485.41	0.0091
Resident	955.03	377.6	0.0084
Resident	1331.68	-165.58	0.0058
Resident	1406.74	-290.13	0.0062
Resident	1456.20	-436.06	0.0077
Worker	1209.21	-528.32	0.0151
Worker	913.01	-694.67	0.0407
Worker	717.24	-664.22	0.0761
Worker	544.23	-594.35	0.1138
Acute	338.12	-539.73	0.1597
Worker	123.44	-529.45	0.2157
Worker	-353.26	-515.05	0.2017
Worker	-537.68	-487.8	0.1995
Acute	-775.51	-486.07	0.1716
Acute	-1414.44	-481.5	0.0117
Worker	-1515.21	-320.18	0.0108
Worker	-1749.69	-63.9	0.0075
Worker	-920.57	426.17	0.0091
Resident	-420.73	233.87	0.0293
Resident	1090.12	214.1	0.0070
Resident	1183.39	65.17	0.0061
Worker	1055.30	-577.42	0.0239
Worker	-103.02	-518.78	0.2257
Acute	-1076.39	-488.67	0.0499
Resident	-4113.79	-1330.97	0.0011
Resident	-5050.04	-958.41	0.0009
Resident	-4023.97	-112.26	0.0015
Resident	-2122.34	995.23	0.0016
Resident	-2734.69	227.4	0.0030
Resident	-2371.11	-69.21	0.0041
Resident	-2146.26	177.17	0.0045
Worker	-1919.02	445.07	0.0036
Worker	-1651.12	607.72	0.0031
Resident	-3361.39	677.09	0.0018
Resident	-3026.51	724.93	0.0019
Worker	-1679.82	1478.41	0.0014
Resident	-922.86	446.42	0.0087
Resident	-1799.42	1088.51	0.0017
Resident	-359.36	1846.44	0.0038
Worker	671.30	-742.78	0.0610
Worker	-1565.55	-932.22	0.0072
Worker	-1733.02	-528.24	0.0068
Worker	-1261.46	-507.67	0.0167
Worker	-883.92	-503.26	0.1225
Worker	1599.35	-1104.97	0.0135
Worker	1608.16	-1382.63	0.0119
Resident	3517.15	-1425.27	0.0033
Resident	2959.77	-846.37	0.0029
Resident	3479.67	224.81	0.0010
Resident	44.43	1469.76	0.0058
Resident	3044.83	-34	0.0014

Peak Operations (A4) Acute 1-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-1732.28	175.05	0.1966

Top Three TAC by Risk Constribution for MEI:
Eyes - ACROLEIN (80.6%), FORMALDEHYDE (18.4%), ACETALDEHYDE (0.7%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0048
Worker	-1778.03	-291.29	0.0050
Worker	-1732.28	175.05	0.1966
Worker	-1579.43	347.93	0.1759
Worker	-1525.43	516.64	0.0770
Worker	-1332.88	500.04	0.0722
Resident	-1140.45	476.3	0.1731
Resident	-672.12	353.55	0.0402
Worker	-169.37	170.38	0.0322
Resident	-75.04	299.11	0.0699
Resident	49.15	527.2	0.0708
Worker	144.22	648.15	0.0674
Worker	394.15	623.31	0.0693
Resident	492.42	722.26	0.0648
Resident	618.47	665.12	0.0674
Resident	755.45	579.13	0.0704
Resident	867.79	485.41	0.0718
Resident	955.03	377.6	0.0733
Resident	1312.97	-141.14	0.0549
Resident	1406.74	-290.13	0.1098
Resident	1456.20	-436.06	0.1465
Worker	1209.21	-528.32	0.1489
Worker	913.01	-694.67	0.0415
Worker	717.24	-664.22	0.0429
Worker	544.23	-590.69	0.0478
Acute	338.12	-539.73	0.0481
Worker	123.44	-529.45	0.0438
Worker	-353.26	-515.05	0.0448
Worker	-537.68	-487.8	0.0408
Acute	-775.34	-482.61	0.0333
Acute	-1419.22	-480.76	0.0153
Worker	-1492.25	-316.21	0.0063
Worker	-1749.69	-63.9	0.0220
Worker	-920.57	426.17	0.0478
Resident	-420.73	233.87	0.0307
Resident	1090.12	214.1	0.0700
Resident	1183.39	65.17	0.0447
Worker	1060.08	-588.25	0.1031
Worker	-103.02	-518.78	0.0490
Acute	-1075.17	-481.95	0.0231
Resident	-4113.79	-1330.97	0.0111
Resident	-5050.04	-958.41	0.0014
Resident	-4023.97	-112.26	0.0199
Resident	-2122.34	995.23	0.0215
Resident	-2734.69	227.4	0.0689
Resident	-2371.11	-69.21	0.0452
Resident	-2146.26	177.17	0.1092
Worker	-1919.02	445.07	0.0965
Worker	-1651.12	607.72	0.0529
Resident	-3361.39	677.09	0.0397
Resident	-3026.51	724.93	0.0313
Worker	-1679.82	1478.41	0.0497
Resident	-922.86	446.42	0.0619
Resident	-1799.42	1088.51	0.0606
Resident	-359.36	1846.44	0.0350
Worker	671.30	-742.78	0.0328
Worker	-1565.55	-932.22	0.0160
Worker	-1733.02	-528.24	0.0115
Worker	-1261.46	-507.67	0.0251
Worker	-883.92	-503.26	0.0322
Worker	1599.35	-1104.97	0.0351
Worker	1608.16	-1382.63	0.0183
Resident	3517.15	-1425.27	0.0322
Resident	2959.77	-846.37	0.0198
Resident	3479.67	224.81	0.0271
Resident	44.43	1469.76	0.0513
Resident	3044.83	-34	0.0386

Peak Operations (A4) Acute 8-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	1456.20	-436.06	0.3589

Top Three TAC by Risk Constribution for MEI:
ACROLEIN (68.6%), FORMALDEHYDE (26.8%), MANGANESE AND COMPOUNDS (4.3%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0765
Worker	-1778.03	-291.29	0.0797
Worker	-1732.28	175.05	0.1295
Worker	-1579.43	347.93	0.1508
Worker	-1525.43	516.64	0.1463
Worker	-1332.88	500.04	0.1639
Resident	-1140.45	476.3	0.1513
Resident	-672.12	353.55	0.1008
Worker	-169.37	170.38	0.0918
Resident	-75.04	299.11	0.0967
Resident	49.15	527.2	0.0883
Worker	144.22	648.15	0.0797
Worker	394.15	623.31	0.0854
Resident	492.42	722.26	0.0762
Resident	618.47	665.12	0.0744
Resident	755.45	579.13	0.0758
Resident	867.79	485.41	0.0878
Resident	955.03	377.6	0.0978
Resident	1312.97	-141.14	0.1309
Resident	1406.74	-290.13	0.1734
Resident	1456.20	-436.06	0.3589
Worker	1209.21	-528.32	0.2810
Worker	913.01	-694.67	0.1399
Worker	717.24	-664.22	0.1297
Worker	544.23	-590.69	0.1636
Acute	338.12	-539.73	0.1607
Worker	123.44	-529.45	0.1486
Worker	-353.26	-515.05	0.1086
Worker	-537.68	-487.8	0.1008
Acute	-775.34	-482.61	0.0928
Acute	-1419.22	-480.76	0.0876
Worker	-1492.25	-316.21	0.1003
Worker	-1749.69	-63.9	0.0776
Worker	-920.57	426.17	0.1108
Resident	-420.73	233.87	0.0966
Resident	1090.12	214.1	0.1099
Resident	1183.39	65.17	0.1131
Worker	1060.08	-588.25	0.1816
Worker	-103.02	-518.78	0.1272
Acute	-1075.17	-481.95	0.0811
Resident	-4113.79	-1330.97	0.0249
Resident	-5050.04	-958.41	0.0148
Resident	-4023.97	-112.26	0.0177
Resident	-2122.34	995.23	0.0579
Resident	-2734.69	227.4	0.0248
Resident	-2371.11	-69.21	0.0523
Resident	-2146.26	177.17	0.0520
Worker	-1919.02	445.07	0.0869
Worker	-1651.12	607.72	0.1131
Resident	-3361.39	677.09	0.0199
Resident	-3026.51	724.93	0.0257
Worker	-1679.82	1478.41	0.0434
Resident	-922.86	446.42	0.1115
Resident	-1799.42	1088.51	0.0502
Resident	-359.36	1846.44	0.0426
Worker	671.30	-742.78	0.1029
Worker	-1565.55	-932.22	0.0637
Worker	-1733.02	-528.24	0.0667
Worker	-1261.46	-507.67	0.0825
Worker	-883.92	-503.26	0.0871
Worker	1599.35	-1104.97	0.1152
Worker	1608.16	-1382.63	0.0630
Resident	3517.15	-1425.27	0.0536
Resident	2959.77	-846.37	0.0653
Resident	3479.67	224.81	0.0361
Resident	44.43	1469.76	0.0546
Resident	3044.83	-34	0.0655

Peak Operations (A4) Chronic Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEIR:	1183.39	65.17	0.1911
MEIW:	913.01	-694.67	0.3020

Top Three TAC by Risk Constribution for MEIR:
CHLORINE (66.05%), NICKEL AND COMPOUNDS (15.60%), PARTICULATE EMISSIONS FROM DIESEL-FUELED ENGINES (8.6

Top Three TAC by Risk Constribution for MEIW:
CHLORINE (61.51%), ACROLEIN (17.06%), NICKEL AND COMPOUNDS (16.23%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0128
Worker	-1778.03	-291.29	0.0106
Worker	-1732.28	175.05	0.0116
Worker	-1579.43	347.93	0.0126
Worker	-1525.43	516.64	0.0114
Worker	-1332.88	500.04	0.0316
Resident	-1140.45	476.3	0.0427
Resident	-672.12	353.55	0.0248
Worker	-169.37	170.38	0.0527
Resident	-75.04	299.11	0.0365
Resident	49.15	527.2	0.0235
Worker	144.22	648.15	0.0212
Worker	394.15	623.31	0.0064
Resident	492.42	722.26	0.0487
Resident	618.47	665.12	0.0392
Resident	755.45	579.13	0.0432
Resident	867.79	485.41	0.0534
Resident	955.03	377.6	0.0617
Resident	1312.97	-141.14	0.1879
Resident	1406.74	-290.13	0.1212
Resident	1456.20	-436.06	0.1492
Worker	1209.21	-528.32	0.1941
Worker	913.01	-694.67	0.3020
Worker	717.24	-664.22	0.1694
Worker	544.23	-590.69	0.1703
Acute	338.12	-539.73	0.2099
Worker	123.44	-529.45	0.2936
Worker	-353.26	-515.05	0.0498
Worker	-537.68	-487.8	0.0396
Acute	-775.34	-482.61	0.0365
Acute	-1419.22	-480.76	0.0228
Worker	-1492.25	-316.21	0.0269
Worker	-1749.69	-63.9	0.0122
Worker	-920.57	426.17	0.0326
Resident	-420.73	233.87	0.0306
Resident	1090.12	214.1	0.1383
Resident	1183.39	65.17	0.1911
Worker	1060.08	-588.25	0.1720
Worker	-103.02	-518.78	0.1016
Acute	-1075.17	-481.95	0.0332
Resident	-4113.79	-1330.97	0.0016
Resident	-5050.04	-958.41	0.0011
Resident	-4023.97	-112.26	0.0015
Resident	-2122.34	995.23	0.0026
Resident	-2734.69	227.4	0.0031
Resident	-2371.11	-69.21	0.0045
Resident	-2146.26	177.17	0.0056
Worker	-1919.02	445.07	0.0057
Worker	-1651.12	607.72	0.0066
Resident	-3361.39	677.09	0.0019
Resident	-3026.51	724.93	0.0022
Worker	-1679.82	1478.41	0.0037
Resident	-922.86	446.42	0.0316
Resident	-1799.42	1088.51	0.0036
Resident	-359.36	1846.44	0.0074
Worker	671.30	-742.78	0.1355
Worker	-1565.55	-932.22	0.0733
Worker	-1733.02	-528.24	0.0161
Worker	-1261.46	-507.67	0.0276
Worker	-883.92	-503.26	0.0358
Worker	1599.35	-1104.97	0.1831
Worker	1608.16	-1382.63	0.0820
Resident	3517.15	-1425.27	0.0200
Resident	2959.77	-846.37	0.0205
Resident	3479.67	224.81	0.0049
Resident	44.43	1469.76	0.0114
Resident	3044.83	-34	0.0081

Peak Operations (A4) Acute 1-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	-1732.28	175.05	0.1962

Top Three TAC by Risk Constribution for MEI:
Eyes - ACROLEIN (80.8%), FORMALDEHYDE (18.5%), ACETALDEHYDE (0.7%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0048
Worker	-1778.03	-291.29	0.0050
Worker	-1732.28	175.05	0.1962
Worker	-1579.43	347.93	0.1757
Worker	-1525.43	516.64	0.0768
Worker	-1332.88	500.04	0.0720
Resident	-1140.45	476.3	0.1728
Resident	-672.12	353.55	0.0400
Worker	-169.37	170.38	0.0320
Resident	-75.04	299.11	0.0698
Resident	49.15	527.2	0.0707
Worker	144.22	648.15	0.0673
Worker	394.15	623.31	0.0693
Resident	492.42	722.26	0.0647
Resident	618.47	665.12	0.0674
Resident	755.45	579.13	0.0704
Resident	867.79	485.41	0.0717
Resident	955.03	377.6	0.0732
Resident	1312.97	-141.14	0.0534
Resident	1406.74	-290.13	0.1095
Resident	1456.20	-436.06	0.1457
Worker	1209.21	-528.32	0.1480
Worker	913.01	-694.67	0.0407
Worker	717.24	-664.22	0.0415
Worker	544.23	-590.69	0.0450
Acute	338.12	-539.73	0.0423
Worker	123.44	-529.45	0.0398
Worker	-353.26	-515.05	0.0448
Worker	-537.68	-487.8	0.0408
Acute	-775.34	-482.61	0.0333
Acute	-1419.22	-480.76	0.0153
Worker	-1492.25	-316.21	0.0063
Worker	-1749.69	-63.9	0.0219
Worker	-920.57	426.17	0.0475
Resident	-420.73	233.87	0.0305
Resident	1090.12	214.1	0.0698
Resident	1183.39	65.17	0.0386
Worker	1060.08	-588.25	0.1019
Worker	-103.02	-518.78	0.0488
Acute	-1075.17	-481.95	0.0231
Resident	-4113.79	-1330.97	0.0110
Resident	-5050.04	-958.41	0.0010
Resident	-4023.97	-112.26	0.0199
Resident	-2122.34	995.23	0.0214
Resident	-2734.69	227.4	0.0688
Resident	-2371.11	-69.21	0.0452
Resident	-2146.26	177.17	0.1090
Worker	-1919.02	445.07	0.0964
Worker	-1651.12	607.72	0.0527
Resident	-3361.39	677.09	0.0396
Resident	-3026.51	724.93	0.0312
Worker	-1679.82	1478.41	0.0496
Resident	-922.86	446.42	0.0616
Resident	-1799.42	1088.51	0.0604
Resident	-359.36	1846.44	0.0349
Worker	671.30	-742.78	0.0312
Worker	-1565.55	-932.22	0.0158
Worker	-1733.02	-528.24	0.0114
Worker	-1261.46	-507.67	0.0251
Worker	-883.92	-503.26	0.0322
Worker	1599.35	-1104.97	0.0350
Worker	1608.16	-1382.63	0.0182
Resident	3517.15	-1425.27	0.0321
Resident	2959.77	-846.37	0.0198
Resident	3479.67	224.81	0.0271
Resident	44.43	1469.76	0.0512
Resident	3044.83	-34	0.0386

Peak Operations (A4) Acute 8-Hour Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEI:	1456.20	-436.06	0.3586

Top Three TAC by Risk Constribution for MEI:
ACROLEIN (68.7%), FORMALDEHYDE (26.8%), MANGANESE AND COMPOUNDS (4.2%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0765
Worker	-1778.03	-291.29	0.0797
Worker	-1732.28	175.05	0.1291
Worker	-1579.43	347.93	0.1505
Worker	-1525.43	516.64	0.1460
Worker	-1332.88	500.04	0.1635
Resident	-1140.45	476.3	0.1508
Resident	-672.12	353.55	0.1003
Worker	-169.37	170.38	0.0916
Resident	-75.04	299.11	0.0965
Resident	49.15	527.2	0.0883
Worker	144.22	648.15	0.0797
Worker	394.15	623.31	0.0853
Resident	492.42	722.26	0.0759
Resident	618.47	665.12	0.0741
Resident	755.45	579.13	0.0756
Resident	867.79	485.41	0.0873
Resident	955.03	377.6	0.0972
Resident	1312.97	-141.14	0.1232
Resident	1406.74	-290.13	0.1688
Resident	1456.20	-436.06	0.3586
Worker	1209.21	-528.32	0.2797
Worker	913.01	-694.67	0.1335
Worker	717.24	-664.22	0.1199
Worker	544.23	-590.69	0.1477
Acute	338.12	-539.73	0.1378
Worker	123.44	-529.45	0.1340
Worker	-353.26	-515.05	0.1086
Worker	-537.68	-487.8	0.1008
Acute	-775.34	-482.61	0.0928
Acute	-1419.22	-480.76	0.0876
Worker	-1492.25	-316.21	0.1002
Worker	-1749.69	-63.9	0.0775
Worker	-920.57	426.17	0.1102
Resident	-420.73	233.87	0.0966
Resident	1090.12	214.1	0.1090
Resident	1183.39	65.17	0.1072
Worker	1060.08	-588.25	0.1782
Worker	-103.02	-518.78	0.1258
Acute	-1075.17	-481.95	0.0811
Resident	-4113.79	-1330.97	0.0248
Resident	-5050.04	-958.41	0.0147
Resident	-4023.97	-112.26	0.0176
Resident	-2122.34	995.23	0.0578
Resident	-2734.69	227.4	0.0246
Resident	-2371.11	-69.21	0.0521
Resident	-2146.26	177.17	0.0517
Worker	-1919.02	445.07	0.0868
Worker	-1651.12	607.72	0.1128
Resident	-3361.39	677.09	0.0197
Resident	-3026.51	724.93	0.0254
Worker	-1679.82	1478.41	0.0432
Resident	-922.86	446.42	0.1109
Resident	-1799.42	1088.51	0.0500
Resident	-359.36	1846.44	0.0423
Worker	671.30	-742.78	0.0976
Worker	-1565.55	-932.22	0.0632
Worker	-1733.02	-528.24	0.0666
Worker	-1261.46	-507.67	0.0824
Worker	-883.92	-503.26	0.0870
Worker	1599.35	-1104.97	0.1148
Worker	1608.16	-1382.63	0.0626
Resident	3517.15	-1425.27	0.0534
Resident	2959.77	-846.37	0.0651
Resident	3479.67	224.81	0.0359
Resident	44.43	1469.76	0.0541
Resident	3044.83	-34	0.0653

Peak Operations (A4) Chronic Non-Cancer Health Hazard

	UTM X	UTM Y	Maximum Hazard Index (HI)
MEIR:	1183.39	65.17	0.1593
MEIW:	913.01	-694.67	0.2835

Top Three TAC by Risk Constribution for MEIR:
CHLORINE (69.73%), NICKEL AND COMPOUNDS (17.74%), ACROLEIN (8.88%)

Top Three TAC by Risk Constribution for MEIW:
CHLORINE (62.37%), ACROLEIN (18.17%), NICKEL AND COMPOUNDS (16.97%)

Group	UTM X	UTM Y	Hazard Index (HI)
Worker	-1701.89	-386.89	0.0060
Worker	-1778.03	-291.29	0.0053
Worker	-1732.28	175.05	0.0064
Worker	-1579.43	347.93	0.0072
Worker	-1525.43	516.64	0.0067
Worker	-1332.88	500.04	0.0227
Resident	-1140.45	476.3	0.0291
Resident	-672.12	353.55	0.0149
Worker	-169.37	170.38	0.0363
Resident	-75.04	299.11	0.0246
Resident	49.15	527.2	0.0154
Worker	144.22	648.15	0.0145
Worker	394.15	623.31	0.0053
Resident	492.42	722.26	0.0430
Resident	618.47	665.12	0.0329
Resident	755.45	579.13	0.0358
Resident	867.79	485.41	0.0447
Resident	955.03	377.6	0.0511
Resident	1312.97	-141.14	0.1586
Resident	1406.74	-290.13	0.1036
Resident	1456.20	-436.06	0.1367
Worker	1209.21	-528.32	0.1798
Worker	913.01	-694.67	0.2835
Worker	717.24	-664.22	0.1465
Worker	544.23	-590.69	0.1414
Acute	338.12	-539.73	0.1662
Worker	123.44	-529.45	0.2242
Worker	-353.26	-515.05	0.0287
Worker	-537.68	-487.8	0.0171
Acute	-775.34	-482.61	0.0126
Acute	-1419.22	-480.76	0.0086
Worker	-1492.25	-316.21	0.0078
Worker	-1749.69	-63.9	0.0055
Worker	-920.57	426.17	0.0182
Resident	-420.73	233.87	0.0221
Resident	1090.12	214.1	0.1188
Resident	1183.39	65.17	0.1593
Worker	1060.08	-588.25	0.1560
Worker	-103.02	-518.78	0.0589
Acute	-1075.17	-481.95	0.0103
Resident	-4113.79	-1330.97	0.0009
Resident	-5050.04	-958.41	0.0006
Resident	-4023.97	-112.26	0.0008
Resident	-2122.34	995.23	0.0014
Resident	-2734.69	227.4	0.0015
Resident	-2371.11	-69.21	0.0019
Resident	-2146.26	177.17	0.0026
Worker	-1919.02	445.07	0.0032
Worker	-1651.12	607.72	0.0036
Resident	-3361.39	677.09	0.0011
Resident	-3026.51	724.93	0.0013
Worker	-1679.82	1478.41	0.0022
Resident	-922.86	446.42	0.0180
Resident	-1799.42	1088.51	0.0020
Resident	-359.36	1846.44	0.0044
Worker	671.30	-742.78	0.1122
Worker	-1565.55	-932.22	0.0623
Worker	-1733.02	-528.24	0.0066
Worker	-1261.46	-507.67	0.0099
Worker	-883.92	-503.26	0.0126
Worker	1599.35	-1104.97	0.1733
Worker	1608.16	-1382.63	0.0732
Resident	3517.15	-1425.27	0.0169
Resident	2959.77	-846.37	0.0173
Resident	3479.67	224.81	0.0040
Resident	44.43	1469.76	0.0071
Resident	3044.83	-34	0.0069

	Peak Annual Potencies															Operations
Resident	0.01	0.01	0.01	0.05	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03
MIL	0.05	0.05	0.05	0.32	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08
Worker	0.14	0.14	0.15	0.81	0.13	0.15	0.17	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.30

Start Year

2024 (When accounting for Age Factors, first years are more highly impactful; Higher exposure in 2025 than in 2023)
2024 (Higher exposure from 12 years of overlapping Construction & Operations than 12 years of Operations)
2035 (Higher exposure from 12 years of Operations than from 12 years of overlapping Construction & Operations)

Construction + Operations Relative Potency

It is assumed that relative cancer potency would remain constant ad infinitum past 2035… *and on…*

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
1.58E-02	1.97E-02	2.39E-02	5.14E-02	3.22E-02	3.65E-02	7.44E-02	7.67E-02	8.14E-02	8.43E-02	5.76E-02	6.20E-02	6.64E-02	7.08E-02	7.53E-02	7.52E-02	7.52E-02
1.49E-02	1.86E-02	2.27E-02	4.90E-02	3.05E-02	3.46E-02	8.56E-02	8.69E-02	9.15E-02	9.36E-02	5.48E-02	5.90E-02	6.32E-02	6.74E-02	7.16E-02	7.15E-02	7.15E-02
2.08E-02	2.67E-02	3.28E-02	5.71E-02	4.49E-02	5.11E-02	7.44E-02	7.96E-02	8.60E-02	9.15E-02	8.16E-02	8.79E-02	9.41E-02	1.00E-01	1.07E-01	1.07E-01	1.07E-01
2.28E-02	2.95E-02	3.63E-02	5.81E-02	4.99E-02	5.69E-02	7.17E-02	7.82E-02	8.52E-02	9.19E-02	9.12E-02	9.82E-02	1.05E-01	1.12E-01	1.19E-01	1.19E-01	1.19E-01
1.01E-02	1.27E-02	1.55E-02	2.96E-02	2.09E-02	2.38E-02	3.01E-02	3.28E-02	3.57E-02	3.84E-02	3.76E-02	4.05E-02	4.34E-02	4.63E-02	4.92E-02	4.91E-02	4.91E-02
9.83E-03	1.22E-02	1.47E-02	3.07E-02	1.97E-02	2.24E-02	2.79E-02	3.03E-02	3.31E-02	3.56E-02	3.50E-02	3.77E-02	4.04E-02	4.31E-02	4.57E-02	4.57E-02	4.57E-02
3.40E-03	3.35E-03	3.58E-03	2.13E-02	4.04E-03	4.33E-03	6.55E-03	6.77E-03	7.20E-03	7.46E-03	5.27E-03	5.66E-03	6.06E-03	6.46E-03	6.85E-03	6.75E-03	6.75E-03
6.53E-04	-2.42E-03	-4.73E-03	4.59E-02	-6.52E-03	-8.89E-03	-1.35E-02	-1.55E-02	-1.72E-02	-1.92E-02	-2.38E-02	-2.56E-02	-2.74E-02	-2.93E-02	-3.11E-02	-3.13E-02	-3.13E-02
2.87E-02	2.79E-02	2.95E-02	1.50E-01	2.50E-02	2.78E-02	2.93E-02	3.23E-02	3.55E-02	3.85E-02	4.04E-02	4.35E-02	4.66E-02	4.97E-02	5.28E-02	5.28E-02	5.28E-02
1.77E-02	1.72E-02	1.82E-02	1.04E-01	1.57E-02	1.74E-02	1.82E-02	2.01E-02	2.20E-02	2.39E-02	2.48E-02	2.67E-02	2.86E-02	3.06E-02	3.25E-02	3.24E-02	3.24E-02
8.17E-03	7.46E-03	7.56E-03	6.08E-02	5.63E-03	6.09E-03	6.05E-03	6.59E-03	7.19E-03	7.74E-03	7.62E-03	8.20E-03	8.79E-03	9.37E-03	9.96E-03	9.94E-03	9.94E-03
5.47E-03	4.69E-03	4.50E-03	4.68E-02	2.58E-03	2.68E-03	2.39E-03	2.55E-03	2.76E-03	2.92E-03	2.52E-03	2.71E-03	2.91E-03	3.10E-03	3.29E-03	3.27E-03	3.27E-03
-7.56E-03	-1.24E-02	-1.67E-02	1.52E-02	-2.67E-02	-3.08E-02	-3.52E-02	-3.92E-02	-4.31E-02	-4.71E-02	-5.15E-02	-5.55E-02	-5.94E-02	-6.34E-02	-6.73E-02	-6.74E-02	-6.74E-02
-1.48E-03	-3.84E-03	-5.76E-03	2.22E-02	-1.07E-02	-1.24E-02	-1.45E-02	-1.61E-02	-1.78E-02	-1.95E-02	-2.15E-02	-2.31E-02	-2.48E-02	-2.64E-02	-2.81E-02	-2.81E-02	-2.81E-02
7.95E-04	-6.85E-04	-1.77E-03	2.48E-02	-4.99E-03	-5.90E-03	-7.10E-03	-7.95E-03	-8.78E-03	-9.63E-03	-1.08E-02	-1.16E-02	-1.25E-02	-1.33E-02	-1.41E-02	-1.41E-02	-1.41E-02
3.71E-03	3.31E-03	3.30E-03	2.80E-02	2.30E-03	2.45E-03	2.32E-03	2.52E-03	2.75E-03	2.94E-03	2.85E-03	3.07E-03	3.29E-03	3.51E-03	3.73E-03	3.72E-03	3.72E-03
5.69E-03	6.10E-03	6.86E-03	2.96E-02	7.54E-03	8.43E-03	9.06E-03	1.00E-02	1.10E-02	1.19E-02	1.26E-02	1.36E-02	1.45E-02	1.55E-02	1.65E-02	1.65E-02	1.65E-02
7.17E-03	8.20E-03	9.55E-03	3.06E-02	1.16E-02	1.31E-02	1.42E-02	1.58E-02	1.73E-02	1.88E-02	2.01E-02	2.16E-02	2.31E-02	2.47E-02	2.62E-02	2.62E-02	2.62E-02
2.04E-02	2.60E-02	3.19E-02	5.26E-02	4.31E-02	4.91E-02	5.49E-02	6.10E-02	6.70E-02	7.31E-02	7.88E-02	8.49E-02	9.09E-02	9.70E-02	1.03E-01	1.03E-01	1.03E-01
1.21E-02	1.50E-02	1.81E-02	3.73E-02	2.38E-02	2.70E-02	3.01E-02	3.33E-02	3.66E-02	3.99E-02	4.29E-02	4.62E-02	4.95E-02	5.28E-02	5.61E-02	5.61E-02	5.61E-02
9.57E-03	1.15E-02	1.37E-02	3.55E-02	1.75E-02	1.98E-02	2.19E-02	2.42E-02	2.66E-02	2.90E-02	3.10E-02	3.34E-02	3.58E-02	3.82E-02	4.06E-02	4.06E-02	4.06E-02
1.37E-02	1.61E-02	1.90E-02	5.73E-02	2.40E-02	2.71E-02	2.95E-02	3.27E-02	3.59E-02	3.92E-02	4.19E-02	4.52E-02	4.84E-02	5.16E-02	5.49E-02	5.48E-02	5.48E-02
2.39E-02	2.45E-02	2.68E-02	1.27E-01	2.63E-02	2.94E-02	3.09E-02	3.42E-02	3.76E-02	4.09E-02	4.36E-02	4.70E-02	5.03E-02	5.37E-02	5.70E-02	5.70E-02	5.70E-02
3.73E-02	3.57E-02	3.74E-02	2.28E-01	2.97E-02	3.30E-02	3.39E-02	3.75E-02	4.12E-02	4.48E-02	4.77E-02	5.14E-02	5.51E-02	5.87E-02	6.24E-02	6.24E-02	6.24E-02
5.24E-02	4.99E-02	5.21E-02	3.18E-01	4.16E-02	4.60E-02	4.60E-02	5.09E-02	5.59E-02	6.09E-02	6.50E-02	6.99E-02	7.49E-02	7.99E-02	8.49E-02	8.49E-02	8.49E-02
8.25E-02	8.10E-02	8.62E-02	4.56E-01	7.49E-02	8.34E-02	8.56E-02	9.49E-02	1.04E-01	1.14E-01	1.22E-01	1.31E-01	1.41E-01	1.50E-01	1.59E-01	1.59E-01	1.59E-01
1.35E-01	1.37E-01	1.48E-01	7.55E-01	1.30E-01	1.47E-01	1.61E-01	1.79E-01	1.96E-01	2.14E-01	2.30E-01	2.47E-01	2.65E-01	2.83E-01	3.00E-01	3.00E-01	3.00E-01
8.16E-02	6.60E-02	6.04E-02	6.71E-01	1.57E-02	1.52E-02	9.19E-03	9.44E-03	1.00E-02	1.03E-02	6.39E-03	6.87E-03	7.34E-03	7.82E-03	8.30E-03	8.10E-03	8.10E-03
7.78E-02	5.97E-02	5.20E-02	6.60E-01	1.26E-02	9.27E-03	-7.20E-03	-9.05E-03	-1.05E-02	-1.23E-02	-1.97E-02	-2.13E-02	-2.28E-02	-2.43E-02	-2.59E-02	-2.62E-02	-2.62E-02
6.13E-02	4.60E-02	3.90E-02	5.52E-01	2.09E-02	1.64E-02	-7.50E-03	-9.88E-03	-1.16E-02	-1.39E-02	-2.45E-02	-2.64E-02	-2.83E-02	-3.02E-02	-3.21E-02	-3.24E-02	-3.24E-02
1.59E-02	1.88E-02	2.23E-02	6.04E-02	2.89E-02	3.25E-02	5.28E-02	5.54E-02	5.94E-02	6.24E-02	4.96E-02	5.34E-02	5.72E-02	6.10E-02	6.48E-02	6.47E-02	6.47E-02
3.14E-02	4.00E-02	4.91E-02	9.05E-02	6.70E-02	7.61E-02	1.62E-01	1.67E-01	1.77E-01	1.82E-01	1.21E-01	1.30E-01	1.40E-01	1.49E-01	1.58E-01	1.58E-01	1.58E-01
3.07E-02	3.97E-02	4.90E-02	8.06E-02	6.73E-02	7.67E-02	1.73E-01	1.77E-01	1.88E-01	1.93E-01	1.23E-01	1.33E-01	1.42E-01	1.51E-01	1.61E-01	1.61E-01	1.61E-01
-2.61E-03	-5.27E-03	-7.51E-03	1.77E-02	-1.15E-02	-1.37E-02	-1.54E-02	-1.76E-02	-1.95E-02	-2.16E-02	-2.56E-02	-2.76E-02	-2.96E-02	-3.16E-02	-3.36E-02	-3.38E-02	-3.38E-02
1.38E-02	1.11E-02	1.01E-02	1.04E-01	7.24E-03	6.66E-03	2.99E-03	2.88E-03	2.95E-03	2.85E-03	3.18E-04	3.36E-04	3.55E-04	3.74E-04	3.92E-04	3.19E-04	3.19E-04
1.22E-02	1.51E-02	1.82E-02	3.74E-02	2.40E-02	2.73E-02	3.03E-02	3.36E-02	3.69E-02	4.02E-02	4.32E-02	4.65E-02	4.99E-02	5.32E-02	5.65E-02	5.65E-02	5.65E-02
2.12E-02	2.71E-02	3.32E-02	5.41E-02	4.50E-02	5.13E-02	5.73E-02	6.36E-02	7.00E-02	7.63E-02	8.23E-02	8.86E-02	9.50E-02	1.01E-01	1.08E-01	1.08E-01	1.08E-01
1.61E-02	1.81E-02	2.09E-02	7.64E-02	2.51E-02	2.82E-02	3.00E-02	3.32E-02	3.65E-02	3.98E-02	4.25E-02	4.58E-02	4.91E-02	5.23E-02	5.56E-02	5.56E-02	5.56E-02
1.33E-01	1.28E-01	1.35E-01	8.13E-01	1.02E-01	1.15E-01	1.25E-01	1.39E-01	1.53E-01	1.66E-01	1.77E-01	1.90E-01	2.04E-01	2.18E-01	2.31E-01	2.31E-01	2.31E-01
2.03E-02	1.69E-02	1.60E-02	1.67E-01	9.86E-03	9.80E-03	1.48E-02	1.46E-02	1.52E-02	1.52E-02	6.42E-03	6.88E-03	7.34E-03	7.81E-03	8.27E-03	7.86E-03	7.86E-03
7.15E-04	6.68E-04	6.98E-04	3.76E-03	6.42E-04	6.84E-04	8.74E-04	9.16E-04	9.79E-04	1.03E-03	8.29E-04	8.92E-04	9.56E-04	1.02E-03	1.08E-03	1.08E-03	1.08E-03
4.68E-04	4.47E-04	4.69E-04	2.90E-03	4.40E-04	4.74E-04	6.04E-04	6.38E-04	6.83E-04	7.16E-04	5.84E-04	6.29E-04	6.73E-04	7.18E-04	7.62E-04	7.59E-04	7.59E-04
6.63E-04	6.48E-04	6.87E-04	5.05E-03	6.70E-04	7.32E-04	9.34E-04	9.95E-04	1.07E-03	1.13E-03	9.47E-04	1.02E-03	1.09E-03	1.16E-03	1.24E-03	1.23E-03	1.23E-03
1.22E-03	1.28E-03	1.41E-03	6.21E-03	1.58E-03	1.75E-03	2.21E-03	2.36E-03	2.56E-03	2.71E-03	2.45E-03	2.64E-03	2.83E-03	3.01E-03	3.20E-03	3.19E-03	3.19E-03
1.55E-03	1.56E-03	1.67E-03	1.04E-02	1.74E-03	1.90E-03	2.64E-03	2.79E-03	2.98E-03	3.14E-03	2.52E-03	2.71E-03	2.91E-03	3.10E-03	3.29E-03	3.28E-03	3.28E-03
2.48E-03	2.65E-03	2.97E-03	1.53E-02	3.42E-03	3.79E-03	5.67E-03	5.98E-03	6.40E-03	6.74E-03	5.43E-03	5.85E-03	6.27E-03	6.68E-03	7.10E-03	7.08E-03	7.08E-03
3.19E-03	3.47E-03	3.94E-03	1.75E-02	4.66E-03	5.18E-03	7.48E-03	7.93E-03	8.53E-03	8.99E-03	7.51E-03	8.09E-03	8.67E-03	9.24E-03	9.82E-03	9.79E-03	9.79E-03
2.82E-03	3.09E-03	3.50E-03	1.46E-02	4.18E-03	4.65E-03	6.55E-03	6.95E-03	7.49E-03	7.92E-03	6.74E-03	7.25E-03	7.77E-03	8.29E-03	8.81E-03	8.79E-03	8.79E-03
6.14E-03	7.55E-03	9.11E-03	1.96E-02	1.21E-02	1.37E-02	1.74E-02	1.89E-02	2.06E-02	2.21E-02	2.14E-02	2.31E-02	2.47E-02	2.64E-02	2.80E-02	2.80E-02	2.80E-02
8.56E-04	8.12E-04	8.45E-04	5.95E-03	7.84E-04	8.39E-04	1.06E-03	1.12E-03	1.20E-03	1.26E-03	1.01E-03	1.08E-03	1.16E-03	1.24E-03	1.31E-03	1.31E-03	1.31E-03
9.20E-04	8.72E-04	9.00E-04	6.36E-03	8.42E-04	9.04E-04	1.14E-03	1.20E-03	1.28E-03	1.35E-03	1.10E-03	1.18E-03	1.26E-03	1.35E-03	1.43E-03	1.42E-03	1.42E-03
1.62E-03	1.78E-03	2.03E-03	6.38E-03	2.40E-03	2.68E-03	3.28E-03	3.56E-03	3.87E-03	4.15E-03	3.96E-03	4.26E-03	4.57E-03	4.87E-03	5.18E-03	5.17E-03	5.17E-03
-1.94E-03	-4.29E-03	-6.24E-03	1.81E-02	-9.75E-03	-1.17E-02	-1.30E-02	-1.49E-02	-1.66E-02	-1.84E-02	-2.21E-02	-2.38E-02	-2.55E-02	-2.72E-02	-2.89E-02	-2.91E-02	-2.91E-02
2.04E-03	2.31E-03	2.67E-03	7.79E-03	3.30E-03	3.70E-03	4.52E-03	4.90E-03	5.33E-03	5.72E-03	5.49E-03	5.91E-03	6.33E-03	6.75E-03	7.17E-03	7.16E-03	7.16E-03
1.60E-03	1.58E-03	1.70E-03	1.31E-02	1.79E-03	1.94E-03	2.18E-03	2.35E-03	2.55E-03	2.72E-03	2.51E-03	2.70E-03	2.89E-03	3.08E-03	3.27E-03	3.26E-03	3.26E-03
3.08E-02	3.16E-02	3.45E-02	1.84E-01	3.37E-02	3.77E-02	3.98E-02	4.41E-02	4.84E-02	5.27E-02	5.61E-02	6.04E-02	6.47E-02	6.90E-02	7.34E-02	7.33E-02	7.33E-02
7.47E-03	8.35E-03	9.63E-03	3.26E-02	1.17E-02	1.31E-02	1.82E-02	1.94E-02	2.09E-02	2.22E-02	1.95E-02	2.09E-02	2.24E-02	2.39E-02	2.54E-02	2.54E-02	2.54E-02
1.02E-02	1.22E-02	1.46E-02	3.68E-02	1.90E-02	2.14E-02	3.71E-02	3.87E-02	4.14E-02	4.33E-02	3.31E-02	3.56E-02	3.82E-02	4.07E-02	4.33E-02	4.32E-02	4.32E-02
1.31E-02	1.39E-02	1.55E-02	6.73E-02	1.80E-02	1.99E-02	3.23E-02	3.36E-02	3.58E-02	3.73E-02	2.76E-02	2.97E-02	3.18E-02	3.39E-02	3.60E-02	3.58E-02	3.58E-02
4.34E-02	3.41E-02	3.03E-02	3.93E-01	1.71E-02	1.52E-02	5.98E-03	5.08E-03	4.82E-03	4.01E-03	-4.91E-03	-5.31E-03	-5.72E-03	-6.12E-03	-6.53E-03	-6.89E-03	-6.89E-03
9.34E-03	1.05E-02	1.21E-02	4.84E-02	1.43E-02	1.61E-02	1.76E-02	1.94E-02	2.13E-02	2.32E-02	2.46E-02	2.65E-02	2.84E-02	3.03E-02	3.22E-02	3.22E-02	3.22E-02
7.20E-03	7.79E-03	8.80E-03	4.13E-02	9.81E-03	1.10E-02	1.20E-02	1.32E-02	1.45E-02	1.57E-02	1.65E-02	1.78E-02	1.90E-02	2.03E-02	2.16E-02	2.15E-02	2.15E-02
2.25E-03	2.47E-03	2.83E-03	1.21E-02	3.26E-03	3.66E-03	4.04E-03	4.45E-03	4.88E-03	5.30E-03	5.50E-03	5.92E-03	6.35E-03	6.77E-03	7.19E-03	7.19E-03	7.19E-03
2.21E-03	2.41E-03	2.74E-03	1.08E-02	3.15E-03	3.52E-03	3.88E-03	4.27E-03	4.68E-03	5.08E-03	5.27E-03	5.67E-03	6.08E-03	6.48E-03	6.89E-03	6.88E-03	6.88E-03
8.44E-04	8.25E-04	8.73E-04	3.63E-03	8.29E-04	8.98E-04	9.83E-04	1.06E-03	1.17E-03	1.25E-03	1.19E-03	1.29E-03	1.38E-03	1.47E-03	1.56E-03	1.56E-03	1.56E-03
2.36E-03	2.23E-03	2.32E-03	1.93E-02	2.09E-03	2.26E-03	2.49E-03	2.69E-03	2.92E-03	3.11E-03	2.87E-03	3.09E-03	3.31E-03	3.53E-03	3.76E-03	3.74E-03	3.74E-03
1.05E-03	1.03E-03	1.10E-03	4.77E-03	1.04E-03	1.14E-03	1.25E-03	1.36E-03	1.47E-03	1.58E-03	1.53E-03	1.65E-03	1.77E-03	1.88E-03	2.00E-03	2.00E-03	2.00E-03
1.51E-02	1.63E-02	1.84E-02	8.20E-02	2.03E-02	2.28E-02	2.46E-02	2.72E-02	2.99E-02	3.25E-02	3.45E-02	3.71E-02	3.98E-02	4.25E-02	4.51E-02	4.51E-02	4.51E-02
7.63E-03	9.17E-03	1.10E-02	2.66E-02	1.40E-02	1.59E-02	1.76E-02	1.95E-02	2.15E-02	2.34E-02	2.50E-02	2.69E-02	2.88E-02	3.07E-02	3.27E-02	3.27E-02	3.27E-02
8.07E-03	9.11E-03	1.05E-02	4.20E-02	1.25E-02	1.41E-02	1.54E-02	1.70E-02	1.87E-02	2.03E-02	2.16E-02	2.32E-02	2.49E-02	2.66E-02	2.82E-02	2.82E-02	2.82E-02
4.78E-03	5.56E-03	6.53E-03	1.79E-02	8.08E-03	9.12E-03	1.01E-02	1.11E-02	1.22E-02	1.33E-02	1.41E-02	1.52E-02	1.63E-02	1.74E-02	1.85E-02	1.84E-02	1.84E-02
5.04E-03	5.72E-03	6.64E-03	2.22E-02	7.93E-03	8.94E-03	9.81E-03	1.08E-02	1.19E-02	1.30E-02	1.38E-02	1.48E-02	1.59E-02	1.69E-02	1.80E-02	1.80E-02	1.80E-02
3.18E-02	2.95E-02	3.02E-02	2.81E-01	2.32E-02	2.53E-02	2.60E-02	2.84E-02	3.10E-02	3.34E-02	3.32E-02	3.57E-02	3.82E-02	4.08E-02	4.33E-02	4.32E-02	4.32E-02
3.69E-02	3.69E-02	3.97E-02	2.80E-01	3.63E-02	4.05E-02	4.34E-02	4.79E-02	5.25E-02	5.70E-02	5.95E-02	6.41E-02	6.87E-02	7.33E-02	7.78E-02	7.78E-02	7.78E-02
7.06E-03	7.97E-03	9.21E-03	3.71E-02	1.09E-02	1.23E-02	1.35E-02	1.49E-02	1.63E-02	1.78E-02	1.88E-02	2.03E-02	2.17E-02	2.32E-02	2.46E-02	2.46E-02	2.46E-02
4.76E-03	5.14E-03	5.79E-03	2.76E-02	6.45E-03	7.22E-03	7.96E-03	8.75E-03	9.59E-03	1.04E-02	1.07E-02	1.16E-02	1.24E-02	1.32E-02	1.40E-02	1.40E-02	1.40E-02
2.72E-03	2.89E-03	3.24E-03	1.53E-02	3.58E-03	3.99E-03	4.44E-03	4.88E-03	5.33E-03	5.76E-03	5.88E-03	6.33E-03	6.78E-03	7.24E-03	7.69E-03	7.68E-03	7.68E-03
3.52E-03	3.81E-03	4.31E-03	1.97E-02	4.85E-03	5.43E-03	6.00E-03	6.60E-03	7.23E-03	7.84E-03	8.11E-03	8.73E-03	9.35E-03	9.98E-03	1.06E-02	1.06E-02	1.06E-02
2.67E-03	2.91E-03	3.31E-03	1.48E-02	3.79E-03	4.24E-03	4.68E-03	5.15E-03	5.64E-03	6.11E-03	6.34E-03	6.82E-03	7.31E-03	7.80E-03	8.28E-03	8.28E-03	8.28E-03
3.91E-03	4.36E-03	5.01E-03	2.14E-02	5.88E-03	6.61E-03	7.27E-03	8.03E-03	8.80E-03	9.56E-03	1.00E-02	1.08E-02	1.16E-02	1.23E-02	1.31E-02	1.31E-02	1.31E-02
9.90E-04	9.68E-04	1.03E-03	4.52E-03	9.85E-04	1.07E-03	1.18E-03	1.28E-03	1.39E-03	1.50E-03	1.44E-03	1.55E-03	1.66E-03	1.77E-03	1.88E-03	1.88E-03	1.88E-03
3.38E-03	3.80E-03	4.39E-03	1.68E-02	5.23E-03	5.88E-03	6.47E-03	7.15E-03	7.84E-03	8.51E-03	8.95E-03	9.64E-03	1.03E-02	1.10E-02	1.17E-02	1.17E-02	1.17E-02
2.55E-03	2.81E-03	3.20E-03	1.12E-02	3.71E-03	4.16E-03	4.58E-03	5.04E-03	5.52E-03	5.99E-03	6.24E-03	6.72E-03	7.20E-03	7.68E-03	8.16E-03	8.15E-03	8.15E-03
3.03E-03	3.36E-03	3.84E-03	1.31E-02	4.48E-03	5.03E-03	5.53E-03	6.09E-03	6.68E-03	7.25E-03	7.59E-03	8.17E-03	8.75E-03	9.33E-03	9.92E-03	9.91E-03	9.91E-03
1.32E-03	1.32E-03	1.42E-03	6.16E-03	1.42E-03	1.56E-03	1.71E-03	1.86E-03	2.03E-03	2.18E-03	2.16E-03	2.33E-03	2.49E-03	2.66E-03	2.82E-03	2.82E-03	2.82E-03
1.12E-03	1.18E-03	1.32E-03	5.60E-03	1.44E-03	1.60E-03	1.76E-03	1.93E-03	2.12E-03	2.29E-03	2.35E-03	2.53E-03	2.71E-03	2.89E-03	3.07E-03	3.06E-03	3.06E-03

2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
7.52E-02	7.52E-02	7.52E-02	7.52E-02	7.52E-02	7.52E-02	7.52E-02	7.52E-02	7.52E-02	7.52E-02
7.15E-02	7.15E-02	7.15E-02	7.15E-02	7.15E-02	7.15E-02	7.15E-02	7.15E-02	7.15E-02	7.15E-02
1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01
1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02
4.57E-02	4.57E-02	4.57E-02	4.57E-02	4.57E-02	4.57E-02	4.57E-02	4.57E-02	4.57E-02	4.57E-02
6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03
-3.13E-02	-3.13E-02	-3.13E-02	-3.13E-02	-3.13E-02	-3.13E-02	-3.13E-02	-3.13E-02	-3.13E-02	-3.13E-02
5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02	5.28E-02
3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.24E-02	3.24E-02
9.94E-03	9.94E-03	9.94E-03	9.94E-03	9.94E-03	9.94E-03	9.94E-03	9.94E-03	9.94E-03	9.94E-03
3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03
-6.74E-02	-6.74E-02	-6.74E-02	-6.74E-02	-6.74E-02	-6.74E-02	-6.74E-02	-6.74E-02	-6.74E-02	-6.74E-02
-2.81E-02	-2.81E-02	-2.81E-02	-2.81E-02	-2.81E-02	-2.81E-02	-2.81E-02	-2.81E-02	-2.81E-02	-2.81E-02
-1.41E-02	-1.41E-02	-1.41E-02	-1.41E-02	-1.41E-02	-1.41E-02	-1.41E-02	-1.41E-02	-1.41E-02	-1.41E-02
3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03
1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02	1.65E-02
2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02	2.62E-02
1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01
5.61E-02	5.61E-02	5.61E-02	5.61E-02	5.61E-02	5.61E-02	5.61E-02	5.61E-02	5.61E-02	5.61E-02
4.06E-02	4.06E-02	4.06E-02	4.06E-02	4.06E-02	4.06E-02	4.06E-02

	Peak Annual Potencies															Operations	Start Year
Resident	0.01	0.01	0.01	0.05	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	**2024 (When accounting for Age Factors, first years are more highly impactful; Higher exposure in 2025 than in 2023)**
MIL	0.05	0.05	0.05	0.32	0.04	0.05	0.05	0.05	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.08	**2024 (Higher exposure from 12 years of overlapping Construction & Operations than 12 years of Operations)**
Worker	0.14	0.14	0.15	0.81	0.13	0.15	0.17	0.18	0.20	0.21	0.23	0.25	0.27	0.28	0.30	0.30	**2035 (Higher exposure from 12 years of Operations than from 12 years of overlapping Construction & Operations)**

Construction + Operations Relative Potency

It is assumed that relative cancer potency would remain constant ad infinitum past 2035… *and on…*

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
3.29E-03	3.29E-03	3.53E-03	2.13E-02	3.41E-03	3.76E-03	3.95E-03	4.34E-03	4.75E-03	5.14E-03	5.28E-03	5.69E-03	6.10E-03	6.50E-03	6.91E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03	6.90E-03
2.22E-03	2.29E-03	2.53E-03	1.29E-02	2.63E-03	2.94E-03	3.16E-03	3.47E-03	3.80E-03	4.11E-03	4.24E-03	4.57E-03	4.89E-03	5.22E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03

Proposed Project Annual Relative Cancer Potency without Mitigation

	Peak Annual Potencies																Operations	Start Year
Resident	0.00	0.00	0.00	0.04	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	**2023 (When accounting for Age Factors, first years are more highly impactful; Higher exposure in 2023 than in 2025)**
MIL	0.04	0.03	0.03	0.29	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	**2023 (Higher exposure in 2023 than in Operations)**
Worker	0.11	0.10	0.10	0.75	0.06	0.07	0.13	0.12	0.13	0.13	0.10	0.11	0.12	0.12	0.13	0.13		**2024 (Higher exposer in Operations than from 2023)**

Construction + Operations Relative Potency

It is assumed that relative cancer potency would remain constant ad infinitum past 2035… *and on…*

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
4.90E-03	5.20E-03	5.80E-03	2.97E-02	6.79E-03	7.49E-03	4.17E-02	4.04E-02	4.15E-02	4.07E-02	1.04E-02	1.12E-02	1.20E-02	1.28E-02	1.36E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02	1.35E-02
5.60E-03	6.26E-03	7.21E-03	3.04E-02	8.88E-03	9.91E-03	5.78E-02	5.60E-02	5.75E-02	5.65E-02	1.46E-02	1.57E-02	1.68E-02	1.79E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02	1.90E-02
1.07E-02	1.32E-02	1.59E-02	3.68E-02	2.12E-02	2.40E-02	4.40E-02	4.58E-02	4.88E-02	5.09E-02	3.76E-02	4.05E-02	4.34E-02	4.63E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02	4.91E-02
1.17E-02	1.46E-02	1.78E-02	3.58E-02	2.39E-02	2.71E-02	3.82E-02	4.10E-02	4.44E-02	4.73E-02	4.28E-02	4.61E-02	4.94E-02	5.27E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02	5.60E-02
4.18E-03	4.79E-03	5.58E-03	1.77E-02	7.03E-03	7.87E-03	1.22E-02	1.29E-02	1.38E-02	1.46E-02	1.18E-02	1.27E-02	1.36E-02	1.45E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
1.67E-03	1.29E-03	1.12E-03	1.43E-02	7.17E-04	6.10E-04	3.41E-03	3.16E-03	3.16E-03	2.97E-03	-3.50E-04	-3.81E-04	-4.11E-04	-4.41E-04	-4.72E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04	-5.16E-04
-5.02E-03	-7.87E-03	-1.05E-02	4.44E-03	-1.56E-02	-1.81E-02	-1.87E-02	-2.13E-02	-2.37E-02	-2.62E-02	-3.12E-02	-3.36E-02	-3.60E-02	-3.84E-02	-4.08E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02	-4.10E-02
-6.99E-03	-1.26E-02	-1.75E-02	3.06E-02	-2.44E-02	-2.93E-02	-3.64E-02	-4.09E-02	-4.53E-02	-4.98E-02	-5.69E-02	-6.13E-02	-6.57E-02	-7.01E-02	-7.44E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02	-7.46E-02
2.12E-02	1.79E-02	1.70E-02	1.35E-01	7.44E-03	7.76E-03	6.76E-03	7.30E-03	7.92E-03	8.47E-03	7.86E-03	8.46E-03	9.07E-03	9.67E-03	1.03E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02
1.21E-02	9.77E-03	8.90E-03	9.29E-02	2.65E-03	2.52E-03	1.50E-03	1.49E-03	1.56E-03	1.57E-03	6.73E-04	7.22E-04	7.72E-04	8.22E-04	8.72E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04	8.46E-04
4.47E-03	2.54E-03	1.41E-03	5.34E-02	-2.99E-03	-3.76E-03	-5.03E-03	-5.72E-03	-6.36E-03	-7.04E-03	-8.39E-03	-9.03E-03	-9.68E-03	-1.03E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02	-1.10E-02
2.43E-03	6.34E-04	-5.61E-04	4.07E-02	-4.51E-03	-5.43E-03	-6.72E-03	-7.58E-03	-8.39E-03	-9.24E-03	-1.06E-02	-1.15E-02	-1.23E-02	-1.31E-02	-1.39E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02	-1.40E-02
-1.03E-02	-1.60E-02	-2.12E-02	9.76E-03	-3.31E-02	-3.81E-02	-4.34E-02	-4.83E-02	-5.32E-02	-5.81E-02	-6.34E-02	-6.83E-02	-7.31E-02	-7.80E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02	-8.29E-02
-4.07E-03	-7.30E-03	-1.01E-02	1.70E-02	-1.67E-02	-1.93E-02	-2.22E-02	-2.48E-02	-2.73E-02	-2.98E-02	-3.27E-02	-3.52E-02	-3.78E-02	-4.03E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02
-2.11E-03	-4.56E-03	-6.62E-03	1.90E-02	-1.18E-02	-1.37E-02	-1.58E-02	-1.76E-02	-1.94E-02	-2.13E-02	-2.34E-02	-2.52E-02	-2.70E-02	-2.88E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02	-3.06E-02
2.88E-04	-1.25E-03	-2.40E-03	2.12E-02	-5.68E-03	-6.68E-03	-7.95E-03	-8.90E-03	-9.81E-03	-1.08E-02	-1.20E-02	-1.29E-02	-1.38E-02	-1.47E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02	-1.57E-02
1.74E-03	8.31E-04	2.74E-04	2.17E-02	-1.68E-03	-2.11E-03	-2.80E-03	-3.16E-03	-3.51E-03	-3.87E-03	-4.52E-03	-4.87E-03	-5.22E-03	-5.57E-03	-5.92E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03	-5.93E-03
2.42E-03	1.88E-03	1.64E-03	2.11E-02	5.30E-04	4.14E-04	2.55E-06	-5.85E-05	-8.59E-05	-1.47E-04	-4.94E-04	-5.33E-04	-5.71E-04	-6.10E-04	-6.49E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04	-6.58E-04
7.75E-03	9.16E-03	1.08E-02	2.74E-02	1.36E-02	1.54E-02	1.70E-02	1.89E-02	2.07E-02	2.25E-02	2.41E-02	2.59E-02	2.78E-02	2.96E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02	3.15E-02
4.47E-03	4.78E-03	5.37E-03	2.20E-02	5.96E-03	6.65E-03	7.16E-03	7.89E-03	8.65E-03	9.38E-03	9.80E-03	1.06E-02	1.13E-02	1.21E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02	1.28E-02
4.03E-03	4.08E-03	4.45E-03	2.44E-02	4.55E-03	5.01E-03	5.26E-03	5.78E-03	6.32E-03	6.85E-03	7.03E-03	7.57E-03	8.11E-03	8.65E-03	9.19E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03	9.18E-03
7.43E-03	7.76E-03	8.59E-03	4.48E-02	9.35E-03	1.04E-02	1.07E-02	1.18E-02	1.30E-02	1.41E-02	1.48E-02	1.59E-02	1.70E-02	1.82E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02	1.93E-02
1.57E-02	1.35E-02	1.31E-02	1.11E-01	7.09E-03	7.44E-03	6.22E-03	6.79E-03	7.41E-03	8.00E-03	7.96E-03	8.57E-03	9.18E-03	9.79E-03	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
2.72E-02	2.23E-02	2.06E-02	2.08E-01	6.20E-03	6.15E-03	3.72E-03	3.99E-03	4.31E-03	4.60E-03	4.13E-03	4.44E-03	4.76E-03	5.07E-03	5.39E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03
3.98E-02	3.31E-02	3.10E-02	2.93E-01	1.21E-02	1.22E-02	8.06E-03	8.78E-03	9.57E-03	1.03E-02	1.02E-02	1.10E-02	1.17E-02	1.25E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02	1.33E-02
6.36E-02	5.58E-02	5.47E-02	4.18E-01	3.08E-02	3.29E-02	2.89E-02	3.19E-02	3.50E-02	3.80E-02	3.98E-02	4.29E-02	4.60E-02	4.90E-02	5.21E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02	5.20E-02
1.06E-01	9.70E-02	9.85E-02	6.96E-01	6.05E-02	6.78E-02	7.19E-02	7.95E-02	8.73E-02	9.50E-02	1.01E-01	1.09E-01	1.17E-01	1.24E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
6.18E-02	3.97E-02	2.75E-02	6.31E-01	-3.04E-02	-3.75E-02	-5.01E-02	-5.64E-02	-6.24E-02	-6.88E-02	-7.92E-02	-8.53E-02	-9.14E-02	-9.76E-02	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01	-1.04E-01
5.74E-02	3.26E-02	1.80E-02	6.19E-01	-3.49E-02	-4.51E-02	-6.83E-02	-7.70E-02	-8.52E-02	-9.38E-02	-1.08E-01	-1.16E-01	-1.25E-01	-1.33E-01	-1.41E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01	-1.42E-01
3.97E-02	1.73E-02	3.08E-03	5.09E-01	-2.94E-02	-4.10E-02	-7.21E-02	-8.16E-02	-9.06E-02	-1.00E-01	-1.18E-01	-1.27E-01	-1.36E-01	-1.45E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01	-1.54E-01
-1.06E-03	-3.82E-03	-6.02E-03	2.64E-02	-1.08E-02	-1.28E-02	1.77E-03	-1.21E-03	-2.91E-03	-5.59E-03	-2.40E-02	-2.59E-02	-2.78E-02	-2.96E-02	-3.15E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02	-3.16E-02
4.37E-03	3.96E-03	3.99E-03	3.64E-02	3.84E-03	3.99E-03	8.10E-02	7.65E-02	7.75E-02	7.42E-02	3.95E-03	4.24E-03	4.54E-03	4.83E-03	5.13E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03	5.01E-03
1.49E-02	1.86E-02	2.26E-02	4.90E-02	3.04E-02	3.45E-02	1.26E-01	1.25E-01	1.30E-01	1.30E-01	5.45E-02	5.87E-02	6.29E-02	6.71E-02	7.13E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02	7.12E-02
-1.06E-02	-1.59E-02	-2.09E-02	1.65E-03	-3.02E-02	-3.50E-02	-3.95E-02	-4.42E-02	-4.89E-02	-5.36E-02	-6.03E-02	-6.50E-02	-6.96E-02	-7.43E-02	-7.89E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02	-7.91E-02
6.23E-03	9.50E-04	-2.62E-03	8.84E-02	-1.05E-02	-1.36E-02	-1.99E-02	-2.25E-02	-2.50E-02	-2.76E-02	-3.27E-02	-3.52E-02	-3.77E-02	-4.03E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02	-4.28E-02
3.56E-03	3.57E-03	3.85E-03	2.02E-02	3.92E-03	4.31E-03	4.41E-03	4.83E-03	5.28E-03	5.72E-03	5.85E-03	6.30E-03	6.75E-03	7.20E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03	7.64E-03
7.34E-03	8.62E-03	1.02E-02	2.64E-02	1.27E-02	1.44E-02	1.58E-02	1.75E-02	1.92E-02	2.09E-02	2.23E-02	2.40E-02	2.57E-02	2.74E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02
9.10E-03	8.74E-03	9.19E-03	6.23E-02	8.66E-03	9.37E-03	8.85E-03	9.74E-03	1.07E-02	1.16E-02	1.20E-02	1.29E-02	1.38E-02	1.47E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02
1.04E-01	8.90E-02	8.58E-02	7.55E-01	3.38E-02	3.71E-02	3.75E-02	4.11E-02	4.50E-02	4.87E-02	4.97E-02	5.35E-02	5.73E-02	6.11E-02	6.50E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02	6.48E-02
-1.45E-03	-1.20E-02	-2.02E-02	1.23E-01	-4.08E-02	-4.81E-02	-5.04E-02	-5.77E-02	-6.44E-02	-7.16E-02	-8.77E-02	-9.44E-02	-1.01E-01	-1.08E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01	-1.15E-01
4.04E-04	2.53E-04	1.80E-04	3.14E-03	-8.39E-05	-1.46E-04	-5.92E-05	-1.22E-04	-1.62E-04	-2.13E-04	-5.19E-04	-5.60E-04	-6.00E-04	-6.40E-04	-6.81E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04	-6.86E-04
2.46E-04	1.51E-04	9.98E-05	2.45E-03	-7.74E-05	-1.18E-04	-6.07E-05	-1.01E-04	-1.30E-04	-1.70E-04	-3.77E-04	-4.06E-04	-4.35E-04	-4.64E-04	-4.94E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04	-4.97E-04
3.12E-04	1.80E-04	1.02E-04	4.35E-03	-1.48E-04	-2.04E-04	-1.19E-04	-1.74E-04	-2.19E-04	-2.74E-04	-5.73E-04	-6.17E-04	-6.62E-04	-7.06E-04	-7.50E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04	-7.55E-04
5.68E-04	4.07E-04	3.22E-04	4.90E-03	5.84E-05	6.80E-06	2.49E-04	1.86E-04	1.68E-04	1.05E-04	-3.76E-04	-4.06E-04	-4.36E-04	-4.65E-04	-4.95E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04	-5.04E-04
7.16E-04	4.44E-04	2.81E-04	8.77E-03	-2.11E-04	-3.29E-04	1.35E-04	5.27E-06	-7.96E-05	-1.98E-04	-1.09E-03	-1.18E-03	-1.26E-03	-1.35E-03	-1.43E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03	-1.45E-03
9.33E-04	5.94E-04	3.97E-04	1.23E-02	-1.84E-04	-3.26E-04	1.04E-03	8.34E-04	7.47E-04	5.73E-04	-1.25E-03	-1.35E-03	-1.45E-03	-1.54E-03	-1.64E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03	-1.66E-03
1.29E-03	9.39E-04	7.73E-04	1.37E-02	2.33E-04	1.22E-04	1.79E-03	1.60E-03	1.57E-03	1.40E-03	-7.09E-04	-7.66E-04	-8.22E-04	-8.79E-04	-9.36E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04	-9.63E-04
1.19E-03	9.08E-04	7.82E-04	1.13E-02	3.66E-04	2.95E-04	1.65E-03	1.51E-03	1.51E-03	1.39E-03	-3.37E-04	-3.64E-04	-3.91E-04	-4.19E-04	-4.46E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04	-4.64E-04
2.72E-03	2.98E-03	3.40E-03	1.28E-02	4.08E-03	4.54E-03	7.15E-03	7.50E-03	8.03E-03	8.42E-03	6.59E-03	7.10E-03	7.60E-03	8.11E-03	8.61E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03	8.59E-03
4.71E-04	2.98E-04	2.02E-04	5.18E-03	-1.15E-04	-1.89E-04	-9.26E-05	-1.67E-04	-2.18E-04	-2.81E-04	-6.63E-04	-7.14E-04	-7.66E-04	-8.18E-04	-8.69E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04	-8.78E-04
4.93E-04	3.02E-04	1.89E-04	5.51E-03	-1.54E-04	-2.35E-04	-1.46E-04	-2.27E-04	-2.86E-04	-3.55E-04	-7.56E-04	-8.15E-04	-8.74E-04	-9.32E-04	-9.91E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04	-9.99E-04
5.34E-04	3.35E-04	2.24E-04	4.22E-03	-1.27E-04	-2.05E-04	3.41E-05	-4.42E-05	-1.00E-04	-1.79E-04	-7.27E-04	-7.83E-04	-8.39E-04	-8.95E-04	-9.52E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04	-9.56E-04
-9.68E-03	-1.46E-02	-1.91E-02	2.59E-03	-2.78E-02	-3.23E-02	-3.63E-02	-4.07E-02	-4.50E-02	-4.93E-02	-5.56E-02	-5.99E-02	-6.42E-02	-6.85E-02	-7.28E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02	-7.30E-02
8.29E-04	6.92E-04	6.42E-04	5.37E-03	4.65E-04	4.59E-04	8.78E-04	8.51E-04	8.78E-04	8.61E-04	2.26E-04	2.43E-04	2.59E-04	2.75E-04	2.91E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04	2.77E-04
1.76E-04	-3.17E-04	-6.77E-04	1.03E-02	-1.53E-03	-1.86E-03	-2.10E-03	-2.40E-03	-2.67E-03	-2.98E-03	-3.67E-03	-3.95E-03	-4.24E-03	-4.52E-03	-4.80E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03	-4.82E-03
2.06E-02	1.80E-02	1.76E-02	1.64E-01	9.92E-03	1.05E-02	9.27E-03	1.01E-02	1.11E-02	1.20E-02	1.20E-02	1.29E-02	1.38E-02	1.48E-02	1.57E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02	1.56E-02
1.77E-03	7.62E-04	1.37E-04	2.12E-02	-1.59E-03	-2.10E-03	1.11E-03	4.32E-04	7.16E-05	-5.54E-04	-5.22E-03	-5.63E-03	-6.03E-03	-6.44E-03	-6.84E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03	-6.89E-03
2.64E-03	2.14E-03	1.96E-03	2.17E-02	1.34E-03	1.27E-03	1.44E-02	1.35E-02	1.37E-02	1.30E-02	3.14E-04	3.34E-04	3.54E-04	3.74E-04	3.94E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04	3.44E-04
-5.16E-03	-1.05E-02	-1.50E-02	3.07E-02	-2.47E-02	-2.89E-02	-2.26E-02	-2.74E-02	-3.13E-02	-3.59E-02	-5.17E-02	-5.57E-02	-5.97E-02	-6.37E-02	-6.77E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02	-6.79E-02
2.24E-02	6.07E-03	-4.72E-03	3.51E-01	-3.18E-02	-4.08E-02	-5.70E-02	-6.49E-02	-7.22E-02	-8.00E-02	-9.59E-02	-1.03E-01	-1.11E-01	-1.18E-01	-1.25E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01	-1.26E-01
4.97E-03	4.68E-03	4.83E-03	3.96E-02	4.08E-03	4.43E-03	4.47E-03	4.87E-03	5.32E-03	5.73E-03	5.70E-03	6.13E-03	6.57E-03	7.01E-03	7.44E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03	7.43E-03
3.25E-03	2.51E-03	2.21E-03	3.34E-02	5.67E-04	4.38E-04	1.08E-04	2.23E-05	-1.90E-05	-9.34E-05	-6.64E-04	-7.16E-04	-7.69E-04	-8.21E-04	-8.73E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04	-8.90E-04
8.59E-04	6.20E-04	5.14E-04	9.30E-03	2.14E-05	-4.11E-05	-1.27E-04	-

	Peak Annual Potencies																Operations
Resident	0.01	0.01	0.01	0.05	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	
MIL	0.06	0.05	0.06	0.40	0.03	0.03	0.04	0.04	0.04	0.05	0.05	0.06	0.06	0.07	0.07	0.07	
Worker	0.14	0.14	0.14	0.82	0.11	0.13	0.14	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.27	0.27	

Start Year

2024 (When accounting for Age Factors, early years more highly impactful; Higher exposure in 2025 than in 2023)

2024 (Higher exposure from 12 years of overlapping Construction & Operations than 12 years of Operations)

2035 (Higher exposure from 12 years of Operations than from 12 years of overlapping Construction & Operations)

Construction + Operations Relative Potency

It is assumed that relative cancer potency would remain constant ad infinitum past 2035… *and on…*

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047
4.67E-03	4.88E-03	5.39E-03	2.96E-02	5.99E-03	6.61E-03	6.36E-03	7.07E-03	7.78E-03	8.48E-03	9.19E-03	9.90E-03	1.06E-02	1.13E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02	1.20E-02
4.09E-03	4.25E-03	4.68E-03	2.78E-02	5.13E-03	5.66E-03	5.43E-03	6.03E-03	6.63E-03	7.24E-03	7.84E-03	8.44E-03	9.05E-03	9.65E-03	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02
3.78E-03	3.96E-03	4.38E-03	2.33E-02	4.86E-03	5.36E-03	5.18E-03	5.75E-03	6.33E-03	6.90E-03	7.48E-03	8.05E-03	8.63E-03	9.20E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03	9.78E-03
3.68E-03	3.94E-03	4.41E-03	2.01E-02	5.04E-03	5.59E-03	5.53E-03	6.14E-03	6.76E-03	7.37E-03	7.98E-03	8.60E-03	9.21E-03	9.83E-03	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
3.14E-03	3.38E-03	3.79E-03	1.59E-02	4.33E-03	4.81E-03	4.81E-03	5.35E-03	5.88E-03	6.41E-03	6.95E-03	7.48E-03	8.02E-03	8.55E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03	9.09E-03
5.42E-03	6.27E-03	7.33E-03	2.22E-02	9.20E-03	1.03E-02	1.08E-02	1.20E-02	1.32E-02	1.44E-02	1.56E-02	1.68E-02	1.80E-02	1.92E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02	2.04E-02
7.52E-03	8.84E-03	1.04E-02	2.99E-02	1.34E-02	1.51E-02	1.59E-02	1.76E-02	1.94E-02	2.11E-02	2.29E-02	2.47E-02	2.64E-02	2.82E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02	2.99E-02
6.03E-03	4.93E-03	4.52E-03	5.43E-02	5.80E-03	5.37E-03	3.45E-04	3.83E-04	4.22E-04	4.60E-04	4.98E-04	5.37E-04	5.75E-04	6.13E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04	6.52E-04
2.74E-02	2.66E-02	2.80E-02	1.48E-01	2.31E-02	2.57E-02	2.55E-02	2.83E-02	3.11E-02	3.40E-02	3.68E-02	3.96E-02	4.25E-02	4.53E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02	4.81E-02
1.71E-02	1.65E-02	1.73E-02	1.03E-01	1.42E-02	1.58E-02	1.55E-02	1.72E-02	1.89E-02	2.06E-02	2.24E-02	2.41E-02	2.58E-02	2.75E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02
8.09E-03	7.34E-03	7.36E-03	6.24E-02	4.98E-03	5.39E-03	4.66E-03	5.18E-03	5.70E-03	6.22E-03	6.73E-03	7.25E-03	7.77E-03	8.29E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03	8.80E-03
5.53E-03	4.70E-03	4.47E-03	4.93E-02	2.11E-03	2.17E-03	1.36E-03	1.51E-03	1.66E-03	1.81E-03	1.97E-03	2.12E-03	2.27E-03	2.42E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03	2.57E-03
-7.33E-03	-1.23E-02	-1.68E-02	2.01E-02	-2.78E-02	-3.19E-02	-3.66E-02	-4.07E-02	-4.47E-02	-4.88E-02	-5.29E-02	-5.70E-02	-6.10E-02	-6.51E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02	-6.92E-02
-1.48E-03	-4.07E-03	-6.19E-03	2.62E-02	-1.22E-02	-1.40E-02	-1.64E-02	-1.82E-02	-2.00E-02	-2.19E-02	-2.37E-02	-2.55E-02	-2.73E-02	-2.92E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02	-3.10E-02
1.00E-03	-7.31E-04	-2.00E-03	2.97E-02	-6.33E-03	-7.35E-03	-8.77E-03	-9.74E-03	-1.07E-02	-1.17E-02	-1.27E-02	-1.36E-02	-1.46E-02	-1.56E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02	-1.66E-02
4.06E-03	3.42E-03	3.22E-03	3.36E-02	1.03E-03	1.09E-03	8.15E-04	9.05E-04	9.96E-04	1.09E-03	1.18E-03	1.27E-03	1.36E-03	1.45E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03
6.13E-03	6.28E-03	6.84E-03	3.55E-02	6.25E-03	7.06E-03	7.58E-03	8.42E-03	9.26E-03	1.01E-02	1.09E-02	1.18E-02	1.26E-02	1.35E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02
7.75E-03	8.51E-03	9.68E-03	3.68E-02	1.04E-02	1.18E-02	1.29E-02	1.43E-02	1.58E-02	1.72E-02	1.86E-02	2.01E-02	2.15E-02	2.29E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02	2.44E-02
2.03E-02	2.57E-02	3.13E-02	5.49E-02	4.14E-02	4.72E-02	5.28E-02	5.86E-02	6.45E-02	7.04E-02	7.62E-02	8.21E-02	8.79E-02	9.38E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02	9.97E-02
1.23E-02	1.49E-02	1.78E-02	4.05E-02	2.25E-02	2.56E-02	2.84E-02	3.15E-02	3.47E-02	3.79E-02	4.10E-02	4.42E-02	4.73E-02	5.05E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02	5.36E-02
9.54E-03	1.11E-02	1.30E-02	3.98E-02	1.54E-02	1.76E-02	1.93E-02	2.15E-02	2.36E-02	2.58E-02	2.79E-02	3.01E-02	3.22E-02	3.44E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02
1.48E-02	1.67E-02	1.93E-02	6.99E-02	2.16E-02	2.45E-02	2.70E-02	3.00E-02	3.30E-02	3.60E-02	3.90E-02	4.21E-02	4.51E-02	4.81E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02	5.11E-02
2.51E-02	2.42E-02	2.54E-02	1.50E-01	1.86E-02	2.10E-02	2.26E-02	2.51E-02	2.76E-02	3.01E-02	3.26E-02	3.51E-02	3.76E-02	4.01E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02	4.27E-02
4.07E-02	3.76E-02	3.81E-02	2.72E-01	2.21E-02	2.50E-02	2.68E-02	2.98E-02	3.28E-02	3.58E-02	3.87E-02	4.17E-02	4.47E-02	4.77E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02	5.07E-02
5.98E-02	5.47E-02	5.52E-02	4.05E-01	3.03E-02	3.42E-02	3.68E-02	4.09E-02	4.50E-02	4.91E-02	5.32E-02	5.73E-02	6.14E-02	6.55E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02	6.95E-02
9.42E-02	8.86E-02	9.12E-02	5.82E-01	5.79E-02	6.56E-02	7.14E-02	7.93E-02	8.73E-02	9.52E-02	1.03E-01	1.11E-01	1.19E-01	1.27E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
1.37E-01	1.35E-01	1.44E-01	8.15E-01	1.13E-01	1.29E-01	1.41E-01	1.57E-01	1.72E-01	1.88E-01	2.04E-01	2.19E-01	2.35E-01	2.51E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01	2.66E-01
8.35E-02	6.95E-02	6.47E-02	6.67E-01	1.93E-02	1.98E-02	1.17E-02	1.31E-02	1.44E-02	1.57E-02	1.70E-02	1.83E-02	1.96E-02	2.09E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02	2.22E-02
8.03E-02	6.44E-02	5.81E-02	6.44E-01	1.51E-02	1.35E-02	-1.91E-03	-2.12E-03	-2.34E-03	-2.55E-03	-2.76E-03	-2.97E-03	-3.19E-03	-3.40E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03	-3.61E-03
6.52E-02	5.20E-02	4.66E-02	5.41E-01	1.96E-02	1.75E-02	-3.38E-03	-3.76E-03	-4.14E-03	-4.51E-03	-4.89E-03	-5.27E-03	-5.64E-03	-6.02E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03	-6.39E-03
7.50E-03	7.63E-03	8.28E-03	4.38E-02	8.86E-03	9.70E-03	8.96E-03	9.96E-03	1.10E-02	1.19E-02	1.29E-02	1.39E-02	1.49E-02	1.59E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02	1.69E-02
9.75E-03	1.12E-02	1.30E-02	4.75E-02	1.61E-02	1.81E-02	1.88E-02	2.08E-02	2.29E-02	2.50E-02	2.71E-02	2.92E-02	3.13E-02	3.34E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02
5.10E-03	5.54E-03	6.28E-03	2.96E-02	7.26E-03	8.09E-03	8.17E-03	9.08E-03	9.98E-03	1.09E-02	1.18E-02	1.27E-02	1.36E-02	1.45E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02	1.54E-02
7.67E-03	8.48E-03	9.68E-03	3.84E-02	1.23E-02	1.36E-02	1.31E-02	1.45E-02	1.60E-02	1.74E-02	1.89E-02	2.03E-02	2.18E-02	2.32E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02	2.47E-02
1.27E-02	1.07E-02	9.98E-03	9.64E-02	9.00E-03	8.61E-03	2.12E-03	2.36E-03	2.60E-03	2.83E-03	3.07E-03	3.30E-03	3.54E-03	3.78E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03	4.01E-03
1.25E-02	1.51E-02	1.80E-02	4.20E-02	2.24E-02	2.55E-02	2.83E-02	3.15E-02	3.46E-02	3.78E-02	4.09E-02	4.41E-02	4.72E-02	5.04E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02	5.35E-02
2.12E-02	2.68E-02	3.27E-02	5.71E-02	4.32E-02	4.93E-02	5.50E-02	6.12E-02	6.73E-02	7.34E-02	7.95E-02	8.56E-02	9.17E-02	9.79E-02	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01	1.04E-01
1.86E-02	1.98E-02	2.21E-02	9.71E-02	2.19E-02	2.48E-02	2.72E-02	3.02E-02	3.32E-02	3.62E-02	3.92E-02	4.23E-02	4.53E-02	4.83E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02	5.13E-02
1.32E-01	1.27E-01	1.33E-01	8.17E-01	9.66E-02	1.09E-01	1.16E-01	1.29E-01	1.42E-01	1.55E-01	1.68E-01	1.81E-01	1.94E-01	2.06E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01	2.19E-01
2.18E-02	1.92E-02	1.88E-02	1.69E-01	1.28E-02	1.33E-02	9.14E-03	1.02E-02	1.12E-02	1.22E-02	1.32E-02	1.42E-02	1.52E-02	1.63E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
7.22E-04	6.67E-04	6.77E-04	3.89E-03	5.36E-04	5.79E-04	4.92E-04	5.46E-04	6.01E-04	6.56E-04	7.10E-04	7.65E-04	8.20E-04	8.74E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04	9.29E-04
4.69E-04	4.41E-04	4.56E-04	3.01E-03	3.67E-04	3.94E-04	3.58E-04	3.75E-04	4.13E-04	4.51E-04	4.88E-04	5.26E-04	5.63E-04	6.01E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04	6.38E-04
6.50E-04	6.08E-04	6.32E-04	5.21E-03	5.28E-04	5.74E-04	5.14E-04	5.71E-04	6.28E-04	6.85E-04	7.43E-04	8.00E-04	8.57E-04	9.14E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04	9.71E-04
9.33E-04	8.82E-04	9.07E-04	5.88E-03	7.76E-04	8.46E-04	7.27E-04	8.08E-04	8.89E-04	9.70E-04	1.05E-03	1.13E-03	1.21E-03	1.29E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03	1.37E-03
1.37E-03	1.29E-03	1.34E-03	1.04E-02	1.15E-03	1.24E-03	1.07E-03	1.19E-03	1.31E-03	1.43E-03	1.55E-03	1.67E-03	1.79E-03	1.91E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03	2.03E-03
1.85E-03	1.80E-03	1.89E-03	1.44E-02	1.76E-03	1.91E-03	1.73E-03	1.92E-03	2.11E-03	2.31E-03	2.50E-03	2.69E-03	2.88E-03	3.08E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03	3.27E-03
2.22E-03	2.16E-03	2.28E-03	1.58E-02	2.17E-03	2.36E-03	2.11E-03	2.34E-03	2.58E-03	2.81E-03	3.05E-03	3.28E-03	3.52E-03	3.75E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03
1.93E-03	1.88E-03	1.98E-03	1.31E-02	1.88E-03	2.04E-03	1.81E-03	2.01E-03	2.21E-03	2.41E-03	2.61E-03	2.81E-03	3.01E-03	3.21E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03	3.41E-03
2.14E-03	2.19E-03	2.38E-03	1.20E-02	2.50E-03	2.76E-03	2.64E-03	2.94E-03	3.23E-03	3.52E-03	3.82E-03	4.11E-03	4.40E-03	4.70E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03	4.99E-03
8.59E-04	7.90E-04	8.09E-04	6.15E-03	6.41E-04	6.82E-04	5.67E-04	6.30E-04	6.93E-04	7.56E-04	8.19E-04	8.82E-04	9.45E-04	1.01E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03	1.07E-03
9.11E-04	8.49E-04	8.63E-04	6.58E-03	6.95E-04	7.54E-04	6.25E-04	6.94E-04	7.63E-04	8.33E-04	9.02E-04	9.72E-04	1.04E-03	1.11E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03	1.18E-03
1.14E-03	1.13E-03	1.21E-03	5.53E-03	1.18E-03	1.31E-03	1.24E-03	1.37E-03	1.51E-03	1.65E-03	1.79E-03	1.92E-03	2.06E-03	2.20E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03	2.34E-03
7.35E-03	8.13E-03	9.28E-03	3.68E-02	1.18E-02	1.30E-02	1.25E-02	1.39E-02	1.53E-02	1.67E-02	1.81E-02	1.95E-02	2.09E-02	2.23E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02	2.36E-02
1.20E-03	1.18E-03	1.26E-03	6.33E-03	1.23E-03	1.34E-03	1.20E-03	1.34E-03	1.47E-03	1.60E-03	1.74E-03	1.87E-03	2.00E-03	2.14E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03	2.27E-03
1.73E-03	1.76E-03	1.92E-03	1.36E-02	2.02E-03	2.22E-03	2.10E-03	2.33E-03	2.56E-03	2.80E-03	3.03E-03	3.26E-03	3.50E-03	3.73E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03	3.96E-03
3.41E-02	3.39E-02	3.62E-02	2.24E-01	2.96E-02	3.35E-02	3.62E-02	4.02E-02	4.42E-02	4.82E-02	5.23E-02	5.63E-02	6.03E-02	6.43E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02	6.83E-02
5.49E-03	5.70E-03	6.28E-03	2.86E-02	6.67E-03	7.39E-03	7.27E-03	8.08E-03	8.89E-03	9.70E-03	1.05E-02	1.13E-02	1.21E-02	1.29E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02	1.37E-02
3.31E-03	3.04E-03	3.08E-03	2.34E-02	2.66E-03	2.81E-03	2.11E-03	2.35E-03	2.58E-03	2.82E-03	3.05E-03	3.29E-03	3.52E-03	3.76E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03
1.05E-02	1.04E-02	1.12E-02	6.20E-02	1.14E-02	1.24E-02	1.12E-02	1.24E-02	1.36E-02	1.49E-02	1.61E-02	1.74E-02	1.86E-02	1.98E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02	2.11E-02
4.74E-02	3.98E-02	3.75E-02	3.94E-01	2.28E-02	2.26E-02	9.19E-03	1.02E-02	1.12E-02	1.22E-02	1.33E-02	1.43E-02	1.53E-02	1.63E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02	1.73E-02
9.44E-03	1.02E-02	1.16E-02	5.37E-02	1.22E-02	1.38E-02	1.50E-02	1.66E-02	1.83E-02	1.99E-02	2.16E-02	2.33E-02	2.49E-02	2.66E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02	2.83E-02
7.42E-03	7.82E-03	8.66E-03	4.58E-02	8.70E-03	9.81E-03	1.04E-02	1.16E-02	1.27E-02	1.39E-02	1.50E-02	1.62E-02	1.73E-02	1.85E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02	1.97E-02
2.40E-03	2.60E-03	2.94E-03	1.36E-02	3.16E

	Peak Annual Potencies															Operations	Flatline start in 2024?	Start Year
Resident	0.01	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TRUE	2023 (When accounting for Age Factors, first year is more highly impactful; Higher exposure in 2023 than in
MIL	0.05	0.04	0.03	0.38	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	TRUE	2023 (Higher exposure in 2023 than in Ops)
Worker	0.11	0.10	0.10	0.76	0.05	0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.11	TRUE	2024 (Higher exposer in Ops than from 2023)

Construction + Operations Relative Potency

It is assumed that relative cancer potency would ermain constant ad infinitum past 2035…

2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048
-2.01E-03	-4.02E-03	-5.74E-03	1.62E-02	-9.60E-03	-1.12E-02	-1.37E-02	-1.52E-02	-1.67E-02	-1.82E-02	-1.98E-02	-2.13E-02	-2.28E-02	-2.43E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02	-2.58E-02
-1.09E-03	-2.65E-03	-3.95E-03	1.75E-02	-6.96E-03	-8.16E-03	-1.01E-02	-1.12E-02	-1.24E-02	-1.35E-02	-1.46E-02	-1.57E-02	-1.69E-02	-1.80E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02	-1.91E-02
1.41E-04	-8.92E-04	-1.68E-03	1.60E-02	-3.62E-03	-4.34E-03	-5.74E-03	-6.37E-03	-7.01E-03	-7.65E-03	-8.29E-03	-8.92E-03	-9.56E-03	-1.02E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02	-1.08E-02
-1.54E-04	-1.17E-03	-1.98E-03	1.25E-02	-3.91E-03	-4.64E-03	-5.98E-03	-6.64E-03	-7.31E-03	-7.97E-03	-8.64E-03	-9.30E-03	-9.97E-03	-1.06E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02	-1.13E-02
-1.33E-04	-9.87E-04	-1.66E-03	9.38E-03	-3.31E-03	-3.92E-03	-5.01E-03	-5.57E-03	-6.12E-03	-6.68E-03	-7.24E-03	-7.79E-03	-8.35E-03	-8.91E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03	-9.46E-03
-1.06E-03	-2.37E-03	-3.47E-03	9.25E-03	-5.92E-03	-6.94E-03	-8.62E-03	-9.57E-03	-1.05E-02	-1.15E-02	-1.24E-02	-1.34E-02	-1.44E-02	-1.53E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02	-1.63E-02
-2.48E-03	-4.49E-03	-6.23E-03	9.91E-03	-9.90E-03	-1.16E-02	-1.41E-02	-1.57E-02	-1.73E-02	-1.89E-02	-2.04E-02	-2.20E-02	-2.36E-02	-2.52E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02	-2.67E-02
-3.79E-03	-8.17E-03	-1.19E-02	3.46E-02	-1.71E-02	-2.08E-02	-2.91E-02	-3.24E-02	-3.56E-02	-3.88E-02	-4.21E-02	-4.53E-02	-4.85E-02	-5.18E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02	-5.50E-02
2.02E-02	1.70E-02	1.60E-02	1.33E-01	6.27E-03	6.40E-03	3.79E-03	4.21E-03	4.63E-03	5.05E-03	5.47E-03	5.90E-03	6.32E-03	6.74E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03	7.16E-03
1.17E-02	9.32E-03	8.35E-03	9.26E-02	1.63E-03	1.38E-03	-6.93E-04	-7.70E-04	-8.47E-04	-9.24E-04	-1.00E-03	-1.08E-03	-1.16E-03	-1.23E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03	-1.31E-03
4.44E-03	2.47E-03	1.28E-03	5.51E-02	-3.54E-03	-4.35E-03	-6.30E-03	-6.99E-03	-7.69E-03	-8.39E-03	-9.09E-03	-9.79E-03	-1.05E-02	-1.12E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02	-1.19E-02
2.49E-03	6.55E-04	-5.90E-04	4.32E-02	-4.97E-03	-5.92E-03	-7.74E-03	-8.60E-03	-9.46E-03	-1.03E-02	-1.12E-02	-1.20E-02	-1.29E-02	-1.38E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02	-1.46E-02
-1.00E-02	-1.59E-02	-2.13E-02	1.47E-02	-3.41E-02	-3.91E-02	-4.47E-02	-4.97E-02	-5.46E-02	-5.96E-02	-6.46E-02	-6.95E-02	-7.45E-02	-7.94E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02	-8.44E-02
-4.04E-03	-7.48E-03	-1.05E-02	2.11E-02	-1.81E-02	-2.09E-02	-2.41E-02	-2.68E-02	-2.94E-02	-3.21E-02	-3.48E-02	-3.75E-02	-4.01E-02	-4.28E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02	-4.55E-02
-1.86E-03	-4.55E-03	-6.78E-03	2.39E-02	-1.30E-02	-1.50E-02	-1.74E-02	-1.93E-02	-2.12E-02	-2.32E-02	-2.51E-02	-2.70E-02	-2.89E-02	-3.09E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02	-3.28E-02
6.84E-04	-1.09E-03	-2.41E-03	2.68E-02	-6.86E-03	-7.93E-03	-9.32E-03	-1.04E-02	-1.14E-02	-1.24E-02	-1.35E-02	-1.45E-02	-1.55E-02	-1.66E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02	-1.76E-02
2.21E-03	1.05E-03	3.13E-04	2.77E-02	-2.89E-03	-3.39E-03	-4.18E-03	-4.64E-03	-5.10E-03	-5.57E-03	-6.03E-03	-6.50E-03	-6.96E-03	-7.42E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03	-7.89E-03
3.03E-03	2.22E-03	1.81E-03	2.74E-02	-6.46E-04	-8.21E-04	-1.28E-03	-1.42E-03	-1.56E-03	-1.70E-03	-1.85E-03	-1.99E-03	-2.13E-03	-2.27E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03	-2.41E-03
7.67E-03	8.78E-03	1.02E-02	2.96E-02	1.19E-02	1.35E-02	1.48E-02	1.64E-02	1.81E-02	1.97E-02	2.13E-02	2.30E-02	2.46E-02	2.63E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02	2.79E-02
4.58E-03	4.64E-03	5.03E-03	2.52E-02	4.58E-03	5.14E-03	5.39E-03	5.99E-03	6.59E-03	7.19E-03	7.79E-03	8.39E-03	8.98E-03	9.58E-03	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02	1.02E-02
3.96E-03	3.65E-03	3.70E-03	2.87E-02	2.42E-03	2.67E-03	2.58E-03	2.87E-03	3.16E-03	3.45E-03	3.73E-03	4.02E-03	4.31E-03	4.59E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03	4.88E-03
8.49E-03	8.27E-03	8.72E-03	5.73E-02	6.84E-03	7.68E-03	8.06E-03	8.96E-03	9.86E-03	1.08E-02	1.16E-02	1.25E-02	1.34E-02	1.43E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02	1.52E-02
1.69E-02	1.33E-02	1.17E-02	1.34E-01	-6.31E-04	-9.50E-04	-2.08E-03	-2.31E-03	-2.54E-03	-2.77E-03	-3.00E-03	-3.23E-03	-3.46E-03	-3.69E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03	-3.92E-03
3.08E-02	2.43E-02	2.15E-02	2.52E-01	-1.11E-03	-1.57E-03	-3.09E-03	-3.43E-03	-3.77E-03	-4.11E-03	-4.46E-03	-4.80E-03	-5.14E-03	-5.49E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03	-5.83E-03
4.75E-02	3.82E-02	3.46E-02	3.80E-01	1.42E-03	1.25E-03	-2.85E-04	-3.16E-04	-3.49E-04	-3.80E-04	-4.11E-04	-4.43E-04	-4.75E-04	-5.06E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04	-5.38E-04
7.62E-02	6.44E-02	6.10E-02	5.46E-01	1.57E-02	1.74E-02	1.71E-02	1.90E-02	2.09E-02	2.28E-02	2.47E-02	2.66E-02	2.85E-02	3.04E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02	3.23E-02
1.09E-01	9.77E-02	9.71E-02	7.59E-01	4.78E-02	5.37E-02	5.65E-02	6.28E-02	6.91E-02	7.53E-02	8.16E-02	8.79E-02	9.42E-02	1.00E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01
6.26E-02	4.16E-02	2.99E-02	6.25E-01	-2.95E-02	-3.60E-02	-5.10E-02	-5.66E-02	-6.23E-02	-6.80E-02	-7.36E-02	-7.93E-02	-8.49E-02	-9.06E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02	-9.63E-02
5.80E-02	3.48E-02	2.10E-02	6.00E-01	-3.68E-02	-4.58E-02	-6.87E-02	-7.63E-02	-8.39E-02	-9.16E-02	-9.92E-02	-1.07E-01	-1.14E-01	-1.22E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01	-1.30E-01
4.15E-02	2.04E-02	7.07E-03	4.94E-01	-3.57E-02	-4.57E-02	-7.45E-02	-8.28E-02	-9.10E-02	-9.93E-02	-1.08E-01	-1.16E-01	-1.24E-01	-1.32E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01	-1.41E-01
-6.55E-03	-1.11E-02	-1.51E-02	1.57E-02	-2.39E-02	-2.78E-02	-3.32E-02	-3.69E-02	-4.06E-02	-4.43E-02	-4.79E-02	-5.16E-02	-5.53E-02	-5.90E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02	-6.27E-02
-9.11E-03	-1.40E-02	-1.85E-02	9.76E-03	-2.79E-02	-3.22E-02	-3.78E-02	-4.20E-02	-4.62E-02	-5.04E-02	-5.46E-02	-5.88E-02	-6.30E-02	-6.72E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02	-7.14E-02
-9.36E-04	-2.50E-03	-3.78E-03	1.76E-02	-6.82E-03	-8.00E-03	-9.94E-03	-1.10E-02	-1.21E-02	-1.32E-02	-1.44E-02	-1.55E-02	-1.66E-02	-1.77E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02	-1.88E-02
-4.29E-03	-7.48E-03	-1.03E-02	1.44E-02	-1.56E-02	-1.83E-02	-2.28E-02	-2.54E-02	-2.79E-02	-3.04E-02	-3.30E-02	-3.55E-02	-3.81E-02	-4.06E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02	-4.31E-02
4.84E-03	1.20E-04	-3.19E-03	8.06E-02	-9.43E-03	-1.25E-02	-2.16E-02	-2.40E-02	-2.64E-02	-2.88E-02	-3.12E-02	-3.36E-02	-3.60E-02	-3.84E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02	-4.08E-02
3.87E-03	3.56E-03	3.59E-03	2.48E-02	2.27E-03	2.51E-03	2.45E-03	2.72E-03	3.00E-03	3.27E-03	3.54E-03	3.81E-03	4.09E-03	4.36E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03	4.63E-03
7.32E-03	8.28E-03	9.55E-03	2.93E-02	1.08E-02	1.23E-02	1.35E-02	1.50E-02	1.65E-02	1.80E-02	1.94E-02	2.09E-02	2.24E-02	2.39E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02	2.54E-02
1.15E-02	1.03E-02	1.03E-02	8.29E-02	5.31E-03	5.90E-03	5.91E-03	6.56E-03	7.22E-03	7.87E-03	8.53E-03	9.19E-03	9.84E-03	1.05E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02
1.03E-01	8.81E-02	8.43E-02	7.59E-01	2.90E-02	3.17E-02	2.91E-02	3.24E-02	3.56E-02	3.89E-02	4.21E-02	4.53E-02	4.86E-02	5.18E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02	5.50E-02
-8.06E-04	-1.10E-02	-1.89E-02	1.24E-01	-4.00E-02	-4.70E-02	-5.87E-02	-6.53E-02	-7.18E-02	-7.83E-02	-8.48E-02	-9.14E-02	-9.79E-02	-1.04E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01	-1.11E-01
4.18E-04	2.61E-04	1.71E-04	3.28E-03	-1.74E-04	-2.31E-04	-4.20E-04	-4.67E-04	-5.14E-04	-5.60E-04	-6.07E-04	-6.54E-04	-7.01E-04	-7.47E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04	-7.94E-04
2.53E-04	1.53E-04	9.69E-05	2.58E-03	-1.28E-04	-1.81E-04	-3.09E-04	-3.43E-04	-3.77E-04	-4.11E-04	-4.46E-04	-4.80E-04	-5.14E-04	-5.49E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04	-5.83E-04
3.14E-04	1.60E-04	7.25E-05	4.53E-03	-2.56E-04	-3.22E-04	-4.94E-04	-5.49E-04	-6.04E-04	-6.58E-04	-7.13E-04	-7.68E-04	-8.23E-04	-8.78E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04	-9.33E-04
3.98E-04	1.69E-04	1.68E-05	4.81E-03	-4.71E-04	-5.79E-04	-8.76E-04	-9.73E-04	-1.07E-03	-1.17E-03	-1.27E-03	-1.36E-03	-1.46E-03	-1.56E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03	-1.65E-03
6.18E-04	2.88E-04	7.80E-05	8.84E-03	-6.10E-04	-7.76E-04	-1.19E-03	-1.33E-03	-1.46E-03	-1.59E-03	-1.72E-03	-1.86E-03	-1.99E-03	-2.12E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03	-2.25E-03
5.51E-04	6.97E-05	-2.69E-04	1.18E-02	-1.27E-03	-1.54E-03	-2.16E-03	-2.40E-03	-2.64E-03	-2.88E-03	-3.11E-03	-3.35E-03	-3.59E-03	-3.83E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03	-4.07E-03
7.06E-04	1.39E-04	-2.42E-04	1.28E-02	-1.37E-03	-1.68E-03	-2.44E-03	-2.71E-03	-2.98E-03	-3.25E-03	-3.52E-03	-3.79E-03	-4.06E-03	-4.33E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03	-4.60E-03
6.50E-04	1.71E-04	-1.53E-04	1.06E-02	-1.10E-03	-1.37E-03	-2.03E-03	-2.26E-03	-2.48E-03	-2.71E-03	-2.93E-03	-3.16E-03	-3.38E-03	-3.61E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03	-3.83E-03
2.56E-04	-3.20E-04	-7.53E-04	8.19E-03	-1.90E-03	-2.26E-03	-3.01E-03	-3.34E-03	-3.68E-03	-4.01E-03	-4.34E-03	-4.68E-03	-5.01E-03	-5.35E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03	-5.68E-03
4.87E-04	2.94E-04	1.88E-04	5.40E-03	-2.29E-04	-3.12E-04	-5.51E-04	-6.12E-04	-6.73E-04	-7.34E-04	-7.96E-04	-8.57E-04	-9.18E-04	-9.79E-04	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03	-1.04E-03
4.97E-04	2.96E-04	1.73E-04	5.75E-03	-2.71E-04	-3.51E-04	-6.18E-04	-6.87E-04	-7.56E-04	-8.25E-04	-8.93E-04	-9.62E-04	-1.03E-03	-1.10E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03	-1.17E-03
2.42E-04	-6.24E-05	-2.79E-04	3.74E-03	-9.07E-04	-1.08E-03	-1.45E-03	-1.61E-03	-1.77E-03	-1.93E-03	-2.09E-03	-2.26E-03	-2.42E-03	-2.58E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03	-2.74E-03
-3.97E-03	-6.95E-03	-9.57E-03	1.41E-02	-1.46E-02	-1.72E-02	-2.14E-02	-2.38E-02	-2.62E-02	-2.86E-02	-3.09E-02	-3.33E-02	-3.57E-02	-3.81E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02	-4.05E-02
3.13E-04	-4.08E-06	-2.22E-04	4.55E-03	-8.48E-04	-1.03E-03	-1.47E-03	-1.63E-03	-1.80E-03	-1.96E-03	-2.12E-03	-2.29E-03	-2.45E-03	-2.61E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03	-2.78E-03
2.41E-04	-2.19E-04	-5.57E-04	1.07E-02	-1.44E-03	-1.74E-03	-2.35E-03	-2.62E-03	-2.88E-03	-3.14E-03	-3.40E-03	-3.66E-03	-3.92E-03	-4.18E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03	-4.45E-03
2.40E-02	2.04E-02	1.94E-02	2.04E-01	5.98E-03	6.50E-03	5.83E-03	6.47E-03	7.12E-03	7.77E-03	8.42E-03	9.06E-03	9.71E-03	1.04E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02
5.13E-04	-9.32E-04	-2.01E-03	1.87E-02	-4.95E-03	-5.88E-03	-7.66E-03	-8.51E-03	-9.36E-03	-1.02E-02	-1.11E-02	-1.19E-02	-1.28E-02	-1.36E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02	-1.45E-02
-1.78E-03	-3.76E-03	-5.42E-03	1.32E-02	-9.24E-03	-1.08E-02	-1.32E-02	-1.46E-02	-1.61E-02	-1.76E-02	-1.90E-02	-2.05E-02	-2.20E-02	-2.34E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02	-2.49E-02
-6.97E-03	-1.29E-02	-1.80E-02	2.70E-02	-2.94E-02	-3.42E-02	-4.13E-02	-4.59E-02	-5.05E-02	-5.51E-02	-5.97E-02	-6.42E-02	-6.88E-02	-7.34E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02	-7.80E-02
2.45E-02	9.30E-03	-6.78E-04	3.48E-01	-3.06E-02	-3.85E-02	-5.95E-02	-6.61E-02	-7.27E-02	-7.93E-02	-8.59E-02	-9.26E-02	-9.92E-02	-1.06E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01	-1.12E-01
5.02E-

			30-Year MEIR Incremental Cancer Risk (2024 Start)				30-Year MEIR Incremental Cancer Risk (2035 Start)	30-Year Adult MEIR Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk	70-Year Resident Incremental Cancer Risk		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
-1710.89	-383.91	Worker	11.1 in one million	22.2 in one million	6.5 in one million	**39.8 in one million**	**46.6 in one million**	-	**3.9 in one million**	15.3 in one million	**55.1 in one million**	**54.9 in one million**
-1778.03	-291.29	Worker	10.5 in one million	22.4 in one million	6.2 in one million	**39.2 in one million**	**44.3 in one million**	-	**3.9 in one million**	14.5 in one million	**53.7 in one million**	**52.2 in one million**
-1732.28	175.05	Worker	13.5 in one million	28.8 in one million	9.3 in one million	**51.6 in one million**	**66.1 in one million**	-	**5.3 in one million**	21.6 in one million	**73.3 in one million**	**77.8 in one million**
-1579.43	347.93	Worker	14.3 in one million	31.2 in one million	10.3 in one million	**55.9 in one million**	**73.7 in one million**	-	**5.8 in one million**	24.1 in one million	**80.0 in one million**	**86.7 in one million**
-1525.43	516.64	Worker	6.7 in one million	12.9 in one million	4.3 in one million	**23.9 in one million**	**30.5 in one million**	-	**2.4 in one million**	10.0 in one million	**33.9 in one million**	**35.9 in one million**
-1332.88	500.04	MIL	6.7 in one million	12.0 in one million	4.0 in one million	**22.7 in one million**	**28.3 in one million**	**5.5 in one million**	-	9.3 in one million	**32.0 in one million**	**33.3 in one million**
-1140.45	476.30	MIL	3.4 in one million	2.0 in one million	0.6 in one million	**6.0 in one million**	**4.2 in one million**	**0.9 in one million**	-	1.4 in one million	**7.4 in one million**	**4.9 in one million**
-672.12	353.55	MIL	5.3 in one million	- 7.6 in one million	- 2.7 in one million	**- 5.0 in one million**	**- 19.4 in one million**	**- 3.3 in one million**	-	- 6.4 in one million	**- 11.4 in one million**	**- 22.8 in one million**
-169.37	170.38	MIL	23.3 in one million	13.7 in one million	4.6 in one million	**41.6 in one million**	**32.8 in one million**	**6.8 in one million**	-	10.7 in one million	**52.3 in one million**	**38.6 in one million**
-75.04	299.11	MIL	15.9 in one million	8.4 in one million	2.8 in one million	**27.2 in one million**	**20.2 in one million**	**4.3 in one million**	-	6.6 in one million	**33.8 in one million**	**23.7 in one million**
49.15	527.20	MIL	8.9 in one million	2.7 in one million	0.9 in one million	**12.4 in one million**	**6.2 in one million**	**1.5 in one million**	-	2.0 in one million	**14.4 in one million**	**7.3 in one million**
144.22	648.15	MIL	6.6 in one million	0.9 in one million	0.3 in one million	**7.8 in one million**	**2.1 in one million**	**0.6 in one million**	-	0.7 in one million	**8.5 in one million**	**2.5 in one million**
394.15	623.31	Worker	- 1.4 in one million	- 17.1 in one million	- 5.8 in one million	**- 24.4 in one million**	**- 41.6 in one million**	-	**- 3.1 in one million**	- 13.6 in one million	**- 38.0 in one million**	**- 49.0 in one million**
501.62	717.12	Worker	1.6 in one million	- 7.0 in one million	- 2.4 in one million	**- 7.8 in one million**	**- 17.1 in one million**	-	**- 1.2 in one million**	- 5.6 in one million	**- 13.5 in one million**	**- 20.1 in one million**
618.47	665.12	Worker	2.7 in one million	- 3.5 in one million	- 1.2 in one million	**- 2.0 in one million**	**- 8.6 in one million**	-	**- 0.6 in one million**	- 2.8 in one million	**- 4.8 in one million**	**- 10.1 in one million**
755.45	579.13	Worker	4.1 in one million	1.1 in one million	0.3 in one million	**5.5 in one million**	**2.5 in one million**	-	**0.3 in one million**	0.8 in one million	**6.3 in one million**	**2.9 in one million**
867.79	485.41	Worker	5.0 in one million	4.3 in one million	1.4 in one million	**10.8 in one million**	**10.4 in one million**	-	**0.9 in one million**	3.4 in one million	**14.1 in one million**	**12.3 in one million**
955.03	377.60	Worker	5.7 in one million	6.8 in one million	2.3 in one million	**14.8 in one million**	**16.5 in one million**	-	**1.3 in one million**	5.4 in one million	**20.1 in one million**	**19.4 in one million**
1331.68	-165.58	Worker	12.8 in one million	26.6 in one million	9.0 in one million	**48.4 in one million**	**64.5 in one million**	-	**5.0 in one million**	21.0 in one million	**69.5 in one million**	**75.9 in one million**
1406.74	-290.13	Worker	8.2 in one million	14.5 in one million	4.9 in one million	**27.6 in one million**	**35.1 in one million**	-	**2.7 in one million**	11.4 in one million	**39.1 in one million**	**41.3 in one million**
1456.20	-436.06	Worker	7.2 in one million	10.6 in one million	3.6 in one million	**21.3 in one million**	**25.7 in one million**	-	**2.0 in one million**	8.3 in one million	**29.6 in one million**	**30.2 in one million**
1209.21	-528.32	Worker	10.9 in one million	14.2 in one million	4.8 in one million	**29.9 in one million**	**34.5 in one million**	-	**2.7 in one million**	11.2 in one million	**41.1 in one million**	**40.5 in one million**
913.01	-694.67	Worker	20.8 in one million	15.1 in one million	5.1 in one million	**41.0 in one million**	**36.8 in one million**	-	**3.0 in one million**	11.8 in one million	**52.8 in one million**	**43.2 in one million**
717.24	-664.22	MIL	34.5 in one million	16.3 in one million	5.5 in one million	**56.3 in one million**	**39.5 in one million**	**8.4 in one million**	-	12.8 in one million	**69.1 in one million**	**46.4 in one million**
544.23	-594.35	MIL	48.1 in one million	22.2 in one million	7.4 in one million	**77.7 in one million**	**53.5 in one million**	**11.4 in one million**	-	17.4 in one million	**95.1 in one million**	**62.9 in one million**
338.12	-539.73	Fenceline	70.9 in one million	41.1 in one million	13.9 in one million	**126.0 in one million**	**99.4 in one million**	-	-	32.4 in one million	**158.4 in one million**	**116.9 in one million**
123.44	-529.45	Worker	118.0 in one million	77.5 in one million	26.2 in one million	**221.7 in one million**	**187.1 in one million**	-	**15.8 in one million**	61.1 in one million	**282.8 in one million**	**220.2 in one million**
-353.26	-515.05	Worker	91.4 in one million	2.6 in one million	0.7 in one million	**94.6 in one million**	**4.3 in one million**	-	**2.0 in one million**	1.5 in one million	**96.1 in one million**	**5.2 in one million**
-537.68	-487.80	Worker	89.8 in one million	- 5.6 in one million	- 2.3 in one million	**82.0 in one million**	**- 16.1 in one million**	-	**0.4 in one million**	- 5.3 in one million	**76.7 in one million**	**- 19.0 in one million**
-775.51	-486.07	Worker	76.4 in one million	- 6.8 in one million	- 2.9 in one million	**66.7 in one million**	**- 20.5 in one million**	-	**0.0 in one million**	- 6.7 in one million	**60.1 in one million**	**- 24.1 in one million**
-1414.44	-481.50	Fenceline	11.9 in one million	18.2 in one million	5.6 in one million	**35.7 in one million**	**40.2 in one million**	-	-	13.1 in one million	**48.8 in one million**	**47.3 in one million**
-1515.21	-320.18	Worker	20.8 in one million	47.3 in one million	13.8 in one million	**81.9 in one million**	**98.1 in one million**	-	**8.3 in one million**	32.2 in one million	**114.0 in one million**	**115.5 in one million**
-1749.69	-63.90	Worker	19.6 in one million	48.6 in one million	14.0 in one million	**82.1 in one million**	**99.6 in one million**	-	**8.5 in one million**	32.6 in one million	**114.8 in one million**	**117.3 in one million**
-920.57	426.17	Fenceline	0.9 in one million	- 8.4 in one million	- 2.9 in one million	**- 10.4 in one million**	**- 21.0 in one million**	-	-	- 6.9 in one million	**- 17.3 in one million**	**- 24.7 in one million**
-420.73	233.87	MIL	14.8 in one million	0.5 in one million	0.0 in one million	**15.3 in one million**	**0.2 in one million**	**0.6 in one million**	-	0.1 in one million	**15.4 in one million**	**0.2 in one million**
1090.12	214.10	Worker	8.3 in one million	14.6 in one million	5.0 in one million	**27.8 in one million**	**35.5 in one million**	-	**2.8 in one million**	11.6 in one million	**39.4 in one million**	**41.8 in one million**
1183.39	65.17	Worker	13.3 in one million	27.8 in one million	9.4 in one million	**50.5 in one million**	**67.4 in one million**	-	**5.2 in one million**	22.0 in one million	**72.4 in one million**	**79.2 in one million**
1055.30	-577.42	Worker	13.6 in one million	14.4 in one million	4.9 in one million	**32.9 in one million**	**34.9 in one million**	-	**2.8 in one million**	11.4 in one million	**44.3 in one million**	**41.1 in one million**
-103.02	-518.78	Worker	122.0 in one million	59.7 in one million	20.1 in one million	**201.8 in one million**	**143.1 in one million**	-	**12.7 in one million**	46.8 in one million	**248.6 in one million**	**168.4 in one million**
-1076.39	-488.67	Fenceline	23.5 in one million	3.0 in one million	0.7 in one million	**27.2 in one million**	**4.5 in one million**	-	-	1.5 in one million	**28.7 in one million**	**5.3 in one million**
-4113.79	-1330.97	Resident	0.6 in one million	0.3 in one million	0.1 in one million	**1.0 in one million**	**0.7 in one million**	-	-	0.2 in one million	**1.2 in one million**	**0.8 in one million**
-5050.04	-958.41	Resident	0.4 in one million	0.2 in one million	0.1 in one million	**0.7 in one million**	**0.5 in one million**	-	-	0.2 in one million	**0.9 in one million**	**0.6 in one million**
-4023.97	-112.26	Resident	0.8 in one million	0.3 in one million	0.1 in one million	**1.2 in one million**	**0.8 in one million**	-	-	0.3 in one million	**1.5 in one million**	**0.9 in one million**
-2122.34	995.23	Resident	1.0 in one million	0.9 in one million	0.3 in one million	**2.2 in one million**	**2.0 in one million**	-	-	0.6 in one million	**2.8 in one million**	**2.3 in one million**
-2734.69	227.40	Resident	1.6 in one million	0.9 in one million	0.3 in one million	**2.8 in one million**	**2.0 in one million**	-	-	0.7 in one million	**3.5 in one million**	**2.4 in one million**
-2371.11	-69.21	Resident	2.5 in one million	2.0 in one million	0.6 in one million	**5.1 in one million**	**4.4 in one million**	-	-	1.4 in one million	**6.5 in one million**	**5.2 in one million**
-2146.26	177.17	Resident	2.9 in one million	2.7 in one million	0.9 in one million	**6.5 in one million**	**6.1 in one million**	-	-	2.0 in one million	**8.5 in one million**	**7.2 in one million**
-1919.02	445.07	Resident	2.5 in one million	2.4 in one million	0.8 in one million	**5.7 in one million**	**5.5 in one million**	-	-	1.8 in one million	**7.5 in one million**	**6.4 in one million**
-1651.12	607.72	Resident	4.2 in one million	7.4 in one million	2.4 in one million	**14.1 in one million**	**17.4 in one million**	-	-	5.7 in one million	**19.7 in one million**	**20.4 in one million**
-3361.39	677.09	Resident	0.9 in one million	0.4 in one million	0.1 in one million	**1.4 in one million**	**0.8 in one million**	-	-	0.3 in one million	**1.7 in one million**	**1.0 in one million**
-3026.51	724.93	Resident	1.0 in one million	0.4 in one million	0.1 in one million	**1.5 in one million**	**0.9 in one million**	-	-	0.3 in one million	**1.8 in one million**	**1.0 in one million**
-1679.82	1478.41	Resident	1.2 in one million	1.4 in one million	0.5 in one million	**3.0 in one million**	**3.2 in one million**	-	-	1.1 in one million	**4.0 in one million**	**3.8 in one million**
-922.86	446.42	MIL	1.1 in one million	- 7.2 in one million	- 2.5 in one million	**- 8.6 in one million**	**- 18.0 in one million**	**- 3.2 in one million**	-	- 5.9 in one million	**- 14.5 in one million**	**- 21.2 in one million**
-1799.42	1088.51	Resident	1.5 in one million	1.9 in one million	0.6 in one million	**4.0 in one million**	**4.4 in one million**	-	-	1.5 in one million	**5.5 in one million**	**5.2 in one million**
-359.36	1846.44	Resident	2.0 in one million	0.9 in one million	0.3 in one million	**3.2 in one million**	**2.0 in one million**	-	-	0.7 in one million	**3.8 in one million**	**2.4 in one million**
671.30	-742.78	MIL	29.1 in one million	19.0 in one million	6.4 in one million	**54.6 in one million**	**45.9 in one million**	**9.4 in one million**	-	15.0 in one million	**69.5 in one million**	**54.0 in one million**
-1565.55	-932.22	Worker	6.0 in one million	7.0 in one million	2.2 in one million	**15.2 in one million**	**16.0 in one million**	-	**1.3 in one million**	5.2 in one million	**20.4 in one million**	**18.8 in one million**
-1733.02	-528.24	Fenceline	7.4 in one million	12.3 in one million	3.8 in one million	**23.6 in one million**	**27.0 in one million**	-	-	8.8 in one million	**32.4 in one million**	**31.7 in one million**
-1261.46	-507.67	Fenceline	11.3 in one million	10.3 in one million	3.1 in one million	**24.7 in one million**	**22.0 in one million**	-	-	7.2 in one million	**32.0 in one million**	**25.9 in one million**
-883.92	-503.26	Fenceline	54.7 in one million	- 0.5 in one million	- 0.6 in one million	**53.6 in one million**	**- 4.5 in one million**	-	-	- 1.4 in one million	**52.2 in one million**	**- 5.3 in one million**
1599.35	-1104.97	Resident	8.5 in one million	8.5 in one million	2.9 in one million	**19.9 in one million**	**20.7 in one million**	-	-	6.7 in one million	**26.5 in one million**	**24.3 in one million**
1608.16	-1382.63	Resident	6.9 in one million	5.7 in one million	1.9 in one million	**14.4 in one million**	**13.6 in one million**	-	-	4.4 in one million	**18.9 in one million**	**16.0 in one million**
3517.15	-1425.27	Resident	2.1 in one million	1.9 in one million	0.6 in one million	**4.6 in one million**	**4.5 in one million**	-	-	1.5 in one million	**6.0 in one million**	**5.3 in one million**
2959.77	-846.37	Resident	1.9 in one million	1.8 in one million	0.6 in one million	**4.3 in one million**	**4.3 in one million**	-	-	1.4 in one million	**5.7 in one million**	**5.1 in one million**
3479.67	224.81	Resident	0.6 in one million	0.4 in one million	0.1 in one million	**1.2 in one million**	**1.0 in one million**	-	-	0.3 in one million	**1.5 in one million**	**1.2 in one million**
44.43	1469.76	Resident	2.9 in one million	1.0 in one million	0.3 in one million	**4.2 in one million**	**2.3 in one million**	-	-	0.8 in one million	**5.0 in one million**	**2.8 in one million**
3044.83	-34.00	Resident	0.8 in one million	0.5 in one million	0.2 in one million	**1.5 in one million**	**1.3 in one million**	-	-	0.4 in one million	**1.9 in one million**	**1.5 in one million**
1088.00	-938.00	Marina	13.7 in one million	11.7 in one million	3.9 in one million	**29.4 in one million**	**28.3 in one million**	-	-	9.2 in one million	**38.6 in one million**	**33.2 in one million**
1647.00	-390.00	Resident	5.6 in one million	8.7 in one million	2.9 in one million	**17.2 in one million**	**21.3 in one million**	-	-	6.8 in one million	**24.0 in one million**	**25.0 in one million**
1650.00	-890.00	Resident	7.5 in one million	7.6 in one million	2.5 in one million	**17.6 in one million**	**18.5 in one million**	-	-	5.9 in one million	**23.5 in one million**	**21.7 in one million**
1430.00	215.00	Resident	3.7 in one million	5.0 in one million	1.7 in one million	**10.4 in one million**	**12.4 in one million**	-	-	3.9 in one million	**14.3 in one million**	**14.5 in one million**
1142.00	615.00	Resident	4.1 in one million	4.7 in one million	1.6 in one million	**10.3 in one million**	**11.4 in one million**	-	-	3.7 in one million	**14.0 in one million**	**13.4 in one million**
-333.00	-788.00	Marina	40.6 in one million	11.5 in one million	3.8 in one million	**55.8 in one million**	**26.8 in one million**	-	-	8.8 in one million	**64.6 in one million**	**31.6 in one million**
-42.00	-825.00	Marina	42.0 in one million	20.2 in one million	6.8 in one million	**69.0 in one million**	**48.3 in one million**	-	-	15.8 in one million	**84.8 in one million**	**56.8 in one million**
1900.00	-1175.00	Resident	6.5 in one million	6.5 in one million	2.2 in one million	**15.1 in one million**	**15.7 in one million**	-	-	5.1 in one million	**20.2 in one million**	**18.4 in one million**
1815.00	-1910.00	Resident	4.6 in one million	3.7 in one million	1.2 in one million	**9.5 in one million**	**8.8 in one million**	-	-	2.9 in one million	**12.3 in one million**	**10.3 in one million**
2575.00	-2650.00	Resident	2.5 in one million	2.0 in one million	0.7 in one million	**5.2 in one million**	**4.8 in one million**	-	-	1.6 in one million	**6.8 in one million**	**5.6 in one million**
2665.00	-2025.00	Resident	3.3 in one million	2.8 in one million	0.9 in one million	**7.0 in one million**	**6.6 in one million**	-	-	2.2 in one million	**9.1 in one million**	**7.8 in one million**

Proposed Project Cancer Risk Summary without Mitigation

			30-Year MEIR Incremental Cancer Risk (2024 Start)				30-Year MEIR Incremental Cancer Risk (2035 Start)	30-Year Adult MEIR Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk	70-Year Resident Incremental Cancer Risk		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
3480.00	-2025.00	Resident	2.5 in one million	2.2 in one million	0.7 in one million	**5.4 in one million**	**5.2 in one million**	**-**	**-**	1.7 in one million	**7.1 in one million**	**6.1 in one million**
2667.00	-1400.00	Resident	3.7 in one million	3.4 in one million	1.1 in one million	**8.2 in one million**	**8.2 in one million**	**-**	**-**	2.7 in one million	**10.9 in one million**	**9.7 in one million**
3400.00	-250.00	Resident	0.7 in one million	0.5 in one million	0.2 in one million	**1.4 in one million**	**1.2 in one million**	**-**	**-**	0.4 in one million	**1.8 in one million**	**1.4 in one million**
2577.00	-940.00	Resident	3.0 in one million	3.1 in one million	1.0 in one million	**7.0 in one million**	**7.4 in one million**	**-**	**-**	2.4 in one million	**9.4 in one million**	**8.7 in one million**
2404.00	-475.00	Resident	2.0 in one million	2.1 in one million	0.7 in one million	**4.9 in one million**	**5.2 in one million**	**-**	**-**	1.7 in one million	**6.5 in one million**	**6.1 in one million**
1577.00	291.00	Resident	2.4 in one million	2.6 in one million	0.9 in one million	**5.9 in one million**	**6.4 in one million**	**-**	**-**	2.0 in one million	**7.9 in one million**	**7.5 in one million**
2400.00	240.00	Resident	1.0 in one million	0.8 in one million	0.2 in one million	**2.0 in one million**	**1.8 in one million**	**-**	**-**	0.6 in one million	**2.6 in one million**	**2.1 in one million**
2600.00	1290.00	Resident	0.9 in one million	0.8 in one million	0.3 in one million	**2.0 in one million**	**1.9 in one million**	**-**	**-**	0.6 in one million	**2.6 in one million**	**2.3 in one million**
900.00	935.00	Resident	3.3 in one million	1.9 in one million	0.6 in one million	**5.8 in one million**	**4.5 in one million**	**-**	**-**	1.4 in one million	**7.2 in one million**	**5.2 in one million**
1375.00	1395.00	Resident	2.1 in one million	1.5 in one million	0.5 in one million	**4.0 in one million**	**3.5 in one million**	**-**	**-**	1.1 in one million	**5.1 in one million**	**4.1 in one million**

Proposed Project Cancer Risk Summary without Mitigation

			30-Year MEIR Incremental Cancer Risk (2024 Start)				30-Year MEIR Incremental Cancer Risk (2035 Start)	30-Year Adult MEIR Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk	70-Year Resident Incremental Cancer Risk		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
-1710.89	-383.91	Worker	4.8 in one million	6.5 in one million	1.2 in one million	**12.5 in one million**	**8.3 in one million**	**-**	**1.0 in one million**	2.7 in one million	**15.2 in one million**	**9.8 in one million**
-1778.03	-291.29	Worker	5.2 in one million	9.0 in one million	1.6 in one million	**15.8 in one million**	**11.7 in one million**	**-**	**1.4 in one million**	3.8 in one million	**19.7 in one million**	**13.8 in one million**
-1732.28	175.05	Worker	7.7 in one million	14.1 in one million	4.3 in one million	**26.1 in one million**	**30.4 in one million**	**-**	**2.5 in one million**	10.0 in one million	**36.0 in one million**	**35.8 in one million**
-1579.43	347.93	Worker	7.9 in one million	15.1 in one million	4.9 in one million	**27.9 in one million**	**34.7 in one million**	**-**	**2.8 in one million**	11.4 in one million	**39.3 in one million**	**40.9 in one million**
-1525.43	516.64	Worker	3.3 in one million	4.3 in one million	1.3 in one million	**8.9 in one million**	**9.5 in one million**	**-**	**0.8 in one million**	3.1 in one million	**12.0 in one million**	**11.2 in one million**
-1332.88	500.04	MIL	2.0 in one million	0.2 in one million	0.0 in one million	**2.2 in one million**	**- 0.3 in one million**	**0.1 in one million**	**-**	- 0.1 in one million	**2.1 in one million**	**- 0.4 in one million**
-1140.45	476.30	MIL	- 1.5 in one million	- 10.2 in one million	- 3.6 in one million	**- 15.2 in one million**	**- 25.4 in one million**	**- 4.5 in one million**	**-**	- 8.3 in one million	**- 23.5 in one million**	**- 29.9 in one million**
-672.12	353.55	MIL	0.9 in one million	- 18.7 in one million	- 6.5 in one million	**- 24.2 in one million**	**- 46.3 in one million**	**- 8.0 in one million**	**-**	- 15.2 in one million	**- 39.4 in one million**	**- 54.5 in one million**
-169.37	170.38	MIL	19.0 in one million	2.8 in one million	0.9 in one million	**22.7 in one million**	**6.4 in one million**	**1.9 in one million**	**-**	2.1 in one million	**24.8 in one million**	**7.5 in one million**
-75.04	299.11	MIL	12.8 in one million	0.4 in one million	0.1 in one million	**13.2 in one million**	**0.6 in one million**	**0.6 in one million**	**-**	0.2 in one million	**13.4 in one million**	**0.7 in one million**
49.15	527.20	MIL	6.7 in one million	- 2.7 in one million	- 1.0 in one million	**3.1 in one million**	**- 6.8 in one million**	**- 0.9 in one million**	**-**	- 2.2 in one million	**0.9 in one million**	**- 8.0 in one million**
144.22	648.15	MIL	4.9 in one million	- 3.5 in one million	- 1.2 in one million	**0.2 in one million**	**- 8.6 in one million**	**- 1.3 in one million**	**-**	- 2.8 in one million	**- 2.7 in one million**	**- 10.2 in one million**
394.15	623.31	Worker	- 3.0 in one million	- 21.1 in one million	- 7.2 in one million	**- 31.3 in one million**	**- 51.3 in one million**	**-**	**- 3.8 in one million**	- 16.8 in one million	**- 48.1 in one million**	**- 60.3 in one million**
501.62	717.12	Worker	0.2 in one million	- 10.8 in one million	- 3.7 in one million	**- 14.3 in one million**	**- 26.3 in one million**	**-**	**- 1.9 in one million**	- 8.6 in one million	**- 23.0 in one million**	**- 30.9 in one million**
618.47	665.12	Worker	1.0 in one million	- 7.7 in one million	- 2.7 in one million	**- 9.3 in one million**	**- 18.8 in one million**	**-**	**- 1.4 in one million**	- 6.2 in one million	**- 15.5 in one million**	**- 22.1 in one million**
755.45	579.13	Worker	2.1 in one million	- 3.9 in one million	- 1.3 in one million	**- 3.1 in one million**	**- 9.5 in one million**	**-**	**- 0.7 in one million**	- 3.1 in one million	**- 6.3 in one million**	**- 11.2 in one million**
867.79	485.41	Worker	2.7 in one million	- 1.4 in one million	- 0.5 in one million	**0.8 in one million**	**- 3.5 in one million**	**-**	**- 0.2 in one million**	- 1.2 in one million	**- 0.3 in one million**	**- 4.1 in one million**
955.03	377.60	Worker	2.9 in one million	- 0.1 in one million	0.0 in one million	**2.9 in one million**	**- 0.2 in one million**	**-**	**0.0 in one million**	- 0.1 in one million	**2.8 in one million**	**- 0.2 in one million**
1331.68	-165.58	Worker	5.6 in one million	8.3 in one million	2.8 in one million	**16.6 in one million**	**20.1 in one million**	**-**	**1.6 in one million**	6.5 in one million	**23.1 in one million**	**23.6 in one million**
1406.74	-290.13	Worker	3.8 in one million	3.4 in one million	1.1 in one million	**8.4 in one million**	**8.3 in one million**	**-**	**0.7 in one million**	2.7 in one million	**11.1 in one million**	**9.8 in one million**
1456.20	-436.06	Worker	4.0 in one million	2.5 in one million	0.8 in one million	**7.3 in one million**	**6.2 in one million**	**-**	**0.5 in one million**	2.0 in one million	**9.3 in one million**	**7.3 in one million**
1209.21	-528.32	Worker	7.3 in one million	5.1 in one million	1.7 in one million	**14.2 in one million**	**12.5 in one million**	**-**	**1.0 in one million**	4.0 in one million	**18.2 in one million**	**14.6 in one million**
913.01	-694.67	Worker	16.1 in one million	3.2 in one million	1.0 in one million	**20.3 in one million**	**7.9 in one million**	**-**	**0.8 in one million**	2.4 in one million	**22.7 in one million**	**9.2 in one million**
717.24	-664.22	MIL	28.8 in one million	1.8 in one million	0.5 in one million	**31.1 in one million**	**4.1 in one million**	**1.7 in one million**	**-**	1.2 in one million	**32.4 in one million**	**4.8 in one million**
544.23	-594.35	MIL	41.0 in one million	3.8 in one million	1.2 in one million	**46.0 in one million**	**9.0 in one million**	**3.1 in one million**	**-**	2.8 in one million	**48.9 in one million**	**10.6 in one million**
338.12	-539.73	Fenceline	60.0 in one million	13.9 in one million	4.6 in one million	**78.5 in one million**	**33.1 in one million**	**-**	**-**	10.7 in one million	**89.2 in one million**	**38.9 in one million**
123.44	-529.45	Worker	100.8 in one million	34.3 in one million	11.6 in one million	**146.7 in one million**	**82.7 in one million**	**-**	**7.8 in one million**	27.0 in one million	**173.6 in one million**	**97.3 in one million**
-353.26	-515.05	Worker	80.1 in one million	- 26.0 in one million	- 9.1 in one million	**45.0 in one million**	**- 65.1 in one million**	**-**	**- 3.4 in one million**	- 21.2 in one million	**23.8 in one million**	**- 76.5 in one million**
-537.68	-487.80	Worker	77.9 in one million	- 35.1 in one million	- 12.3 in one million	**30.6 in one million**	**- 87.6 in one million**	**-**	**- 5.1 in one million**	- 28.7 in one million	**1.9 in one million**	**- 103.1 in one million**
-775.51	-486.07	Worker	64.2 in one million	- 38.0 in one million	- 13.4 in one million	**12.8 in one million**	**- 95.8 in one million**	**-**	**- 5.8 in one million**	- 31.3 in one million	**- 18.5 in one million**	**- 112.7 in one million**
-1414.44	-481.50	Fenceline	2.1 in one million	- 6.4 in one million	- 2.7 in one million	**- 7.0 in one million**	**- 19.5 in one million**	**-**	**-**	- 6.4 in one million	**- 13.4 in one million**	**- 23.0 in one million**
-1515.21	-320.18	Worker	5.3 in one million	8.0 in one million	0.4 in one million	**13.7 in one million**	**2.9 in one million**	**-**	**1.0 in one million**	1.0 in one million	**14.7 in one million**	**3.4 in one million**
-1749.69	-63.90	Worker	10.5 in one million	25.8 in one million	6.2 in one million	**42.5 in one million**	**44.1 in one million**	**-**	**4.2 in one million**	14.5 in one million	**57.0 in one million**	**52.0 in one million**
-920.57	426.17	Fenceline	- 3.7 in one million	- 19.9 in one million	- 6.9 in one million	**- 30.6 in one million**	**- 49.1 in one million**	**-**	**-**	- 16.1 in one million	**- 46.6 in one million**	**- 57.8 in one million**
-420.73	233.87	MIL	10.4 in one million	- 10.6 in one million	- 3.7 in one million	**- 3.8 in one million**	**- 26.6 in one million**	**- 4.2 in one million**	**-**	- 8.7 in one million	**- 12.5 in one million**	**- 31.3 in one million**
1090.12	214.10	Worker	3.3 in one million	2.1 in one million	0.7 in one million	**6.2 in one million**	**5.2 in one million**	**-**	**0.4 in one million**	1.6 in one million	**7.8 in one million**	**6.1 in one million**
1183.39	65.17	Worker	5.3 in one million	7.7 in one million	2.6 in one million	**15.6 in one million**	**18.7 in one million**	**-**	**1.5 in one million**	6.0 in one million	**21.6 in one million**	**22.0 in one million**
1055.30	-577.42	Worker	9.6 in one million	4.2 in one million	1.4 in one million	**15.2 in one million**	**10.2 in one million**	**-**	**0.9 in one million**	3.3 in one million	**18.5 in one million**	**11.9 in one million**
-103.02	-518.78	Worker	105.1 in one million	17.1 in one million	5.6 in one million	**127.8 in one million**	**40.3 in one million**	**-**	**4.8 in one million**	13.2 in one million	**141.0 in one million**	**47.4 in one million**
-1076.39	-488.67	Fenceline	11.0 in one million	- 28.4 in one million	- 10.0 in one million	**- 27.4 in one million**	**- 71.7 in one million**	**-**	**-**	- 23.4 in one million	**- 50.9 in one million**	**- 84.4 in one million**
-4113.79	-1330.97	Resident	0.4 in one million	- 0.1 in one million	- 0.1 in one million	**0.2 in one million**	**- 0.4 in one million**	**-**	**-**	- 0.1 in one million	**0.1 in one million**	**- 0.5 in one million**
-5050.04	-958.41	Resident	0.3 in one million	- 0.1 in one million	0.0 in one million	**0.2 in one million**	**- 0.3 in one million**	**-**	**-**	- 0.1 in one million	**0.1 in one million**	**- 0.4 in one million**
-4023.97	-112.26	Resident	0.6 in one million	- 0.2 in one million	- 0.1 in one million	**0.3 in one million**	**- 0.5 in one million**	**-**	**-**	- 0.2 in one million	**0.2 in one million**	**- 0.5 in one million**
-2122.34	995.23	Resident	0.7 in one million	- 0.1 in one million	0.0 in one million	**0.5 in one million**	**- 0.3 in one million**	**-**	**-**	- 0.1 in one million	**0.4 in one million**	**- 0.4 in one million**
-2734.69	227.40	Resident	1.1 in one million	- 0.3 in one million	- 0.1 in one million	**0.7 in one million**	**- 0.9 in one million**	**-**	**-**	- 0.3 in one million	**0.4 in one million**	**- 1.0 in one million**
-2371.11	-69.21	Resident	1.6 in one million	- 0.2 in one million	- 0.1 in one million	**1.2 in one million**	**- 1.0 in one million**	**-**	**-**	- 0.3 in one million	**0.9 in one million**	**- 1.2 in one million**
-2146.26	177.17	Resident	1.9 in one million	0.0 in one million	- 0.1 in one million	**1.7 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**1.6 in one million**	**- 0.7 in one million**
-1919.02	445.07	Resident	1.6 in one million	0.1 in one million	0.0 in one million	**1.6 in one million**	**- 0.3 in one million**	**-**	**-**	- 0.1 in one million	**1.5 in one million**	**- 0.3 in one million**
-1651.12	607.72	Resident	2.2 in one million	2.4 in one million	0.7 in one million	**5.4 in one million**	**5.3 in one million**	**-**	**-**	1.7 in one million	**7.2 in one million**	**6.3 in one million**
-3361.39	677.09	Resident	0.7 in one million	- 0.2 in one million	- 0.1 in one million	**0.4 in one million**	**- 0.5 in one million**	**-**	**-**	- 0.2 in one million	**0.2 in one million**	**- 0.6 in one million**
-3026.51	724.93	Resident	0.7 in one million	- 0.2 in one million	- 0.1 in one million	**0.4 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.2 in one million**	**- 0.7 in one million**
-1679.82	1478.41	Resident	0.5 in one million	- 0.2 in one million	- 0.1 in one million	**0.3 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.1 in one million**	**- 0.7 in one million**
-922.86	446.42	MIL	- 3.3 in one million	- 18.4 in one million	- 6.3 in one million	**- 28.0 in one million**	**- 45.2 in one million**	**- 8.0 in one million**	**-**	- 14.8 in one million	**- 42.9 in one million**	**- 53.2 in one million**
-1799.42	1088.51	Resident	0.8 in one million	0.1 in one million	0.0 in one million	**0.9 in one million**	**0.2 in one million**	**-**	**-**	0.1 in one million	**1.0 in one million**	**0.2 in one million**
-359.36	1846.44	Resident	1.2 in one million	- 1.2 in one million	- 0.4 in one million	**- 0.4 in one million**	**- 3.0 in one million**	**-**	**-**	- 1.0 in one million	**- 1.4 in one million**	**- 3.5 in one million**
671.30	-742.78	MIL	23.3 in one million	4.3 in one million	1.4 in one million	**28.9 in one million**	**10.1 in one million**	**2.6 in one million**	**-**	3.2 in one million	**32.2 in one million**	**11.9 in one million**
-1565.55	-932.22	Worker	2.7 in one million	- 1.2 in one million	- 0.6 in one million	**0.9 in one million**	**- 4.0 in one million**	**-**	**- 0.2 in one million**	- 1.4 in one million	**- 0.5 in one million**	**- 4.8 in one million**
-1733.02	-528.24	Fenceline	3.1 in one million	1.4 in one million	0.0 in one million	**4.5 in one million**	**0.3 in one million**	**-**	**-**	0.1 in one million	**4.6 in one million**	**0.4 in one million**
-1261.46	-507.67	Fenceline	0.8 in one million	- 16.2 in one million	- 5.9 in one million	**- 21.3 in one million**	**- 42.3 in one million**	**-**	**-**	- 13.8 in one million	**- 35.1 in one million**	**- 49.8 in one million**
-883.92	-503.26	Fenceline	42.6 in one million	- 31.0 in one million	- 11.0 in one million	**0.6 in one million**	**- 78.5 in one million**	**-**	**-**	- 25.7 in one million	**- 25.0 in one million**	**- 92.4 in one million**
1599.35	-1104.97	Resident	6.0 in one million	2.2 in one million	0.7 in one million	**8.9 in one million**	**5.3 in one million**	**-**	**-**	1.6 in one million	**10.5 in one million**	**6.2 in one million**
1608.16	-1382.63	Resident	4.6 in one million	- 0.1 in one million	- 0.1 in one million	**4.5 in one million**	**- 0.3 in one million**	**-**	**-**	- 0.1 in one million	**4.3 in one million**	**- 0.3 in one million**
3517.15	-1425.27	Resident	1.3 in one million	- 0.1 in one million	- 0.1 in one million	**1.1 in one million**	**- 0.4 in one million**	**-**	**-**	- 0.1 in one million	**0.9 in one million**	**- 0.5 in one million**
2959.77	-846.37	Resident	1.1 in one million	- 0.2 in one million	- 0.1 in one million	**0.7 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.5 in one million**	**- 0.7 in one million**
3479.67	224.81	Resident	0.4 in one million	- 0.1 in one million	0.0 in one million	**0.2 in one million**	**- 0.3 in one million**	**-**	**-**	- 0.1 in one million	**0.1 in one million**	**- 0.4 in one million**
44.43	1469.76	Resident	1.8 in one million	- 1.6 in one million	- 0.6 in one million	**- 0.4 in one million**	**- 4.1 in one million**	**-**	**-**	- 1.4 in one million	**- 1.8 in one million**	**- 4.8 in one million**
3044.83	-34.00	Resident	0.5 in one million	- 0.2 in one million	- 0.1 in one million	**0.2 in one million**	**- 0.5 in one million**	**-**	**-**	- 0.2 in one million	**0.0 in one million**	**- 0.6 in one million**
1088.00	-938.00	Marina	9.9 in one million	2.1 in one million	0.7 in one million	**12.6 in one million**	**4.9 in one million**	**-**	**-**	1.5 in one million	**14.2 in one million**	**5.7 in one million**
1647.00	-390.00	Resident	3.0 in one million	2.0 in one million	0.6 in one million	**5.6 in one million**	**5.0 in one million**	**-**	**-**	1.5 in one million	**7.0 in one million**	**5.8 in one million**
1650.00	-890.00	Resident	5.2 in one million	1.6 in one million	0.5 in one million	**7.3 in one million**	**4.1 in one million**	**-**	**-**	1.2 in one million	**8.5 in one million**	**4.8 in one million**
1430.00	215.00	Resident	2.2 in one million	1.4 in one million	0.4 in one million	**4.1 in one million**	**3.6 in one million**	**-**	**-**	1.0 in one million	**5.1 in one million**	**4.2 in one million**
1142.00	615.00	Resident	2.5 in one million	0.8 in one million	0.2 in one million	**3.5 in one million**	**1.8 in one million**	**-**	**-**	0.6 in one million	**4.0 in one million**	**2.1 in one million**
-333.00	-788.00	Marina	33.4 in one million	- 6.5 in one million	- 2.4 in one million	**24.5 in one million**	**- 16.9 in one million**	**-**	**-**	- 5.5 in one million	**19.0 in one million**	**- 19.8 in one million**
-42.00	-825.00	Marina	34.6 in one million	1.3 in one million	0.3 in one million	**36.2 in one million**	**2.4 in one million**	**-**	**-**	0.8 in one million	**37.0 in one million**	**2.9 in one million**
1900.00	-1175.00	Resident	4.5 in one million	1.3 in one million	0.4 in one million	**6.2 in one million**	**3.2 in one million**	**-**	**-**	1.0 in one million	**7.2 in one million**	**3.8 in one million**
1815.00	-1910.00	Resident	3.0 in one million	- 0.2 in one million	- 0.1 in one million	**2.6 in one million**	**- 0.7 in one million**	**-**	**-**	- 0.2 in one million	**2.4 in one million**	**- 0.8 in one million**
2575.00	-2650.00	Resident	1.6 in one million	- 0.3 in one million	- 0.1 in one million	**1.2 in one million**	**- 0.8 in one million**	**-**	**-**	- 0.3 in one million	**1.0 in one million**	**- 0.9 in one million**
2665.00	-2025.00	Resident	2.1 in one million	- 0.3 in one million	- 0.1 in one million	**1.7 in one million**	**- 0.7 in one million**	**-**	**-**	- 0.3 in one million	**1.4 in one million**	**- 0.9 in one million**

Proposed Project Cancer Risk Summary with Mitigation

			30-Year MEIR Incremental Cancer Risk (2024 Start)				30-Year MEIR Incremental Cancer Risk (2035 Start)	30-Year Adult MEIR Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk	70-Year Resident Incremental Cancer Risk		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
3480.00	-2025.00	Resident	1.6 in one million	- 0.2 in one million	- 0.1 in one million	**1.3 in one million**	**- 0.5 in one million**	**-**	**-**	- 0.2 in one million	**1.1 in one million**	**- 0.6 in one million**
2667.00	-1400.00	Resident	2.4 in one million	0.2 in one million	0.0 in one million	**2.6 in one million**	**0.4 in one million**	**-**	**-**	0.1 in one million	**2.7 in one million**	**0.4 in one million**
3400.00	-250.00	Resident	0.4 in one million	- 0.2 in one million	- 0.1 in one million	**0.1 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**- 0.1 in one million**	**- 0.7 in one million**
2577.00	-940.00	Resident	1.8 in one million	0.1 in one million	0.0 in one million	**2.0 in one million**	**0.3 in one million**	**-**	**-**	0.1 in one million	**2.0 in one million**	**0.3 in one million**
2404.00	-475.00	Resident	1.0 in one million	- 0.3 in one million	- 0.1 in one million	**0.7 in one million**	**- 0.7 in one million**	**-**	**-**	- 0.2 in one million	**0.4 in one million**	**- 0.8 in one million**
1577.00	291.00	Resident	1.5 in one million	0.3 in one million	0.1 in one million	**1.8 in one million**	**0.6 in one million**	**-**	**-**	0.2 in one million	**1.9 in one million**	**0.7 in one million**
2400.00	240.00	Resident	0.7 in one million	- 0.2 in one million	- 0.1 in one million	**0.4 in one million**	**- 0.4 in one million**	**-**	**-**	- 0.2 in one million	**0.3 in one million**	**- 0.5 in one million**
2600.00	1290.00	Resident	0.6 in one million	0.0 in one million	0.0 in one million	**0.7 in one million**	**0.1 in one million**	**-**	**-**	0.0 in one million	**0.7 in one million**	**0.1 in one million**
900.00	935.00	Resident	2.1 in one million	- 1.2 in one million	- 0.4 in one million	**0.5 in one million**	**- 2.9 in one million**	**-**	**-**	- 1.0 in one million	**- 0.4 in one million**	**- 3.4 in one million**
1375.00	1395.00	Resident	1.4 in one million	- 0.3 in one million	- 0.1 in one million	**0.9 in one million**	**- 0.8 in one million**	**-**	**-**	- 0.3 in one million	**0.7 in one million**	**- 1.0 in one million**

Proposed Project Cancer Risk Summary with Mitigation

			30-Year Resident Incremental Cancer Risk (2024 Start)				30-Year Resident Incremental Cancer Risk (2035 Start)	30-Year Adult Resident Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk (2024 Start)	70-Year Resident Incremental Cancer Risk (2024 Start)		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
-1710.89	-383.91	Worker	4.7 in one million	3.1 in one million	1.0 in one million	**8.8 in one million**	**7.4 in one million**	**-**	**0.7 in one million**	2.4 in one million	**11.3 in one million**	**8.7 in one million**
-1778.03	-291.29	Worker	4.4 in one million	2.6 in one million	0.9 in one million	**7.9 in one million**	**6.3 in one million**	**-**	**0.6 in one million**	2.1 in one million	**10.0 in one million**	**7.4 in one million**
-1732.28	175.05	Worker	3.7 in one million	2.5 in one million	0.9 in one million	**7.1 in one million**	**6.1 in one million**	**-**	**0.6 in one million**	2.0 in one million	**9.1 in one million**	**7.1 in one million**
-1579.43	347.93	Worker	3.4 in one million	2.7 in one million	0.9 in one million	**6.9 in one million**	**6.5 in one million**	**-**	**0.6 in one million**	2.1 in one million	**9.1 in one million**	**7.6 in one million**
-1525.43	516.64	Worker	2.7 in one million	2.3 in one million	0.8 in one million	**5.8 in one million**	**5.6 in one million**	**-**	**0.5 in one million**	1.8 in one million	**7.7 in one million**	**6.6 in one million**
-1332.88	500.04	MIL	4.2 in one million	5.3 in one million	1.8 in one million	**11.2 in one million**	**12.7 in one million**	**2.5 in one million**	**-**	4.1 in one million	**15.3 in one million**	**14.9 in one million**
-1140.45	476.30	MIL	5.7 in one million	7.7 in one million	2.6 in one million	**16.0 in one million**	**18.6 in one million**	**3.6 in one million**	**-**	6.1 in one million	**22.1 in one million**	**21.9 in one million**
-672.12	353.55	MIL	8.0 in one million	0.3 in one million	0.1 in one million	**8.4 in one million**	**0.4 in one million**	**0.4 in one million**	**-**	0.1 in one million	**8.5 in one million**	**0.4 in one million**
-169.37	170.38	MIL	22.7 in one million	12.4 in one million	4.2 in one million	**39.3 in one million**	**29.9 in one million**	**6.2 in one million**	**-**	9.8 in one million	**49.1 in one million**	**35.2 in one million**
-75.04	299.11	MIL	15.7 in one million	7.5 in one million	2.5 in one million	**25.7 in one million**	**18.1 in one million**	**3.8 in one million**	**-**	5.9 in one million	**31.7 in one million**	**21.3 in one million**
49.15	527.20	MIL	9.0 in one million	2.3 in one million	0.8 in one million	**12.0 in one million**	**5.5 in one million**	**1.3 in one million**	**-**	1.8 in one million	**13.8 in one million**	**6.5 in one million**
144.22	648.15	MIL	6.9 in one million	0.7 in one million	0.2 in one million	**7.8 in one million**	**1.6 in one million**	**0.5 in one million**	**-**	0.5 in one million	**8.3 in one million**	**1.9 in one million**
394.15	623.31	Worker	- 0.9 in one million	- 17.6 in one million	- 6.0 in one million	**- 24.6 in one million**	**- 42.8 in one million**	**-**	**- 3.9 in one million**	- 14.0 in one million	**- 38.6 in one million**	**- 50.3 in one million**
501.62	717.12	Worker	2.0 in one million	- 7.8 in one million	- 2.7 in one million	**- 8.6 in one million**	**- 18.9 in one million**	**-**	**- 1.7 in one million**	- 6.2 in one million	**- 14.8 in one million**	**- 22.3 in one million**
618.47	665.12	Worker	3.2 in one million	- 4.2 in one million	- 1.4 in one million	**- 2.4 in one million**	**- 10.1 in one million**	**-**	**- 0.9 in one million**	- 3.3 in one million	**- 5.8 in one million**	**- 11.9 in one million**
755.45	579.13	Worker	4.6 in one million	0.4 in one million	0.1 in one million	**5.2 in one million**	**1.1 in one million**	**-**	**0.1 in one million**	0.3 in one million	**5.6 in one million**	**1.3 in one million**
867.79	485.41	Worker	5.6 in one million	3.7 in one million	1.3 in one million	**10.6 in one million**	**9.0 in one million**	**-**	**0.8 in one million**	2.9 in one million	**13.5 in one million**	**10.6 in one million**
955.03	377.60	Worker	6.3 in one million	6.3 in one million	2.1 in one million	**14.7 in one million**	**15.3 in one million**	**-**	**1.4 in one million**	5.0 in one million	**19.7 in one million**	**18.0 in one million**
1331.68	-165.58	Worker	12.9 in one million	25.6 in one million	8.7 in one million	**47.2 in one million**	**62.3 in one million**	**-**	**5.6 in one million**	20.3 in one million	**67.5 in one million**	**73.3 in one million**
1406.74	-290.13	Worker	8.4 in one million	13.8 in one million	4.7 in one million	**26.9 in one million**	**33.5 in one million**	**-**	**3.0 in one million**	10.9 in one million	**37.8 in one million**	**39.4 in one million**
1456.20	-436.06	Worker	7.4 in one million	9.5 in one million	3.2 in one million	**20.1 in one million**	**23.0 in one million**	**-**	**2.1 in one million**	7.5 in one million	**27.6 in one million**	**27.1 in one million**
1209.21	-528.32	Worker	12.2 in one million	13.2 in one million	4.5 in one million	**29.8 in one million**	**32.0 in one million**	**-**	**2.9 in one million**	10.4 in one million	**40.3 in one million**	**37.7 in one million**
913.01	-694.67	Worker	22.7 in one million	11.2 in one million	3.8 in one million	**37.7 in one million**	**27.4 in one million**	**-**	**2.4 in one million**	8.8 in one million	**46.5 in one million**	**32.2 in one million**
717.24	-664.22	MIL	39.4 in one million	13.1 in one million	4.4 in one million	**56.9 in one million**	**31.8 in one million**	**7.1 in one million**	**-**	10.4 in one million	**67.3 in one million**	**37.4 in one million**
544.23	-594.35	MIL	58.1 in one million	17.9 in one million	6.1 in one million	**82.1 in one million**	**43.5 in one million**	**9.8 in one million**	**-**	14.2 in one million	**96.3 in one million**	**51.2 in one million**
338.12	-539.73	Fenceline	85.3 in one million	34.6 in one million	11.8 in one million	**131.7 in one million**	**84.0 in one million**	**-**	**-**	27.4 in one million	**159.2 in one million**	**98.8 in one million**
123.44	-529.45	Worker	123.8 in one million	68.3 in one million	23.2 in one million	**215.4 in one million**	**165.7 in one million**	**-**	**15.0 in one million**	54.2 in one million	**269.6 in one million**	**195.0 in one million**
-353.26	-515.05	Worker	91.3 in one million	5.7 in one million	1.9 in one million	**98.9 in one million**	**13.0 in one million**	**-**	**1.2 in one million**	4.4 in one million	**103.2 in one million**	**15.3 in one million**
-537.68	-487.80	Worker	88.0 in one million	- 0.6 in one million	- 0.3 in one million	**87.1 in one million**	**- 2.4 in one million**	**-**	**- 0.2 in one million**	- 0.8 in one million	**86.3 in one million**	**- 2.8 in one million**
-775.51	-486.07	Worker	74.7 in one million	- 1.3 in one million	- 0.6 in one million	**72.8 in one million**	**- 4.6 in one million**	**-**	**- 0.4 in one million**	- 1.4 in one million	**71.4 in one million**	**- 5.3 in one million**
-1414.44	-481.50	Fenceline	7.0 in one million	4.3 in one million	1.5 in one million	**12.8 in one million**	**10.4 in one million**	**-**	**-**	3.4 in one million	**16.2 in one million**	**12.3 in one million**
-1515.21	-320.18	Worker	8.4 in one million	9.0 in one million	3.1 in one million	**20.5 in one million**	**21.7 in one million**	**-**	**2.0 in one million**	7.1 in one million	**27.6 in one million**	**25.6 in one million**
-1749.69	-63.90	Worker	4.9 in one million	4.0 in one million	1.3 in one million	**10.2 in one million**	**9.6 in one million**	**-**	**0.9 in one million**	3.1 in one million	**13.4 in one million**	**11.3 in one million**
-920.57	426.17	Fenceline	6.8 in one million	6.4 in one million	2.1 in one million	**15.3 in one million**	**15.3 in one million**	**-**	**-**	5.0 in one million	**20.3 in one million**	**18.0 in one million**
-420.73	233.87	MIL	14.1 in one million	1.2 in one million	0.3 in one million	**15.6 in one million**	**2.5 in one million**	**1.0 in one million**	**-**	0.8 in one million	**16.4 in one million**	**2.9 in one million**
1090.12	214.10	Worker	8.6 in one million	13.8 in one million	4.7 in one million	**27.1 in one million**	**33.6 in one million**	**-**	**3.0 in one million**	10.9 in one million	**38.1 in one million**	**39.5 in one million**
1183.39	65.17	Worker	13.4 in one million	26.7 in one million	9.1 in one million	**49.3 in one million**	**65.0 in one million**	**-**	**5.9 in one million**	21.2 in one million	**70.5 in one million**	**76.5 in one million**
1055.30	-577.42	Worker	15.9 in one million	13.2 in one million	4.5 in one million	**33.6 in one million**	**32.1 in one million**	**-**	**2.9 in one million**	10.5 in one million	**44.1 in one million**	**37.8 in one million**
-103.02	-518.78	Worker	121.6 in one million	56.2 in one million	19.1 in one million	**196.9 in one million**	**136.0 in one million**	**-**	**12.4 in one million**	44.6 in one million	**241.4 in one million**	**160.1 in one million**
-1076.39	-488.67	Fenceline	24.2 in one million	4.4 in one million	1.5 in one million	**30.0 in one million**	**10.2 in one million**	**-**	**-**	3.4 in one million	**33.4 in one million**	**12.1 in one million**
-4113.79	-1330.97	Resident	0.6 in one million	0.2 in one million	0.1 in one million	**0.9 in one million**	**0.6 in one million**	**-**	**-**	0.2 in one million	**1.1 in one million**	**0.7 in one million**
-5050.04	-958.41	Resident	0.5 in one million	0.2 in one million	0.1 in one million	**0.7 in one million**	**0.4 in one million**	**-**	**-**	0.1 in one million	**0.8 in one million**	**0.5 in one million**
-4023.97	-112.26	Resident	0.8 in one million	0.3 in one million	0.1 in one million	**1.1 in one million**	**0.6 in one million**	**-**	**-**	0.2 in one million	**1.3 in one million**	**0.7 in one million**
-2122.34	995.23	Resident	0.9 in one million	0.4 in one million	0.1 in one million	**1.4 in one million**	**0.9 in one million**	**-**	**-**	0.3 in one million	**1.6 in one million**	**1.0 in one million**
-2734.69	227.40	Resident	1.5 in one million	0.5 in one million	0.2 in one million	**2.2 in one million**	**1.3 in one million**	**-**	**-**	0.4 in one million	**2.6 in one million**	**1.5 in one million**
-2371.11	-69.21	Resident	2.2 in one million	0.8 in one million	0.3 in one million	**3.3 in one million**	**2.0 in one million**	**-**	**-**	0.7 in one million	**3.9 in one million**	**2.4 in one million**
-2146.26	177.17	Resident	2.4 in one million	1.0 in one million	0.3 in one million	**3.8 in one million**	**2.5 in one million**	**-**	**-**	0.8 in one million	**4.6 in one million**	**2.9 in one million**
-1919.02	445.07	Resident	2.0 in one million	0.9 in one million	0.3 in one million	**3.2 in one million**	**2.1 in one million**	**-**	**-**	0.7 in one million	**3.9 in one million**	**2.5 in one million**
-1651.12	607.72	Resident	1.9 in one million	1.3 in one million	0.4 in one million	**3.6 in one million**	**3.1 in one million**	**-**	**-**	1.0 in one million	**4.7 in one million**	**3.6 in one million**
-3361.39	677.09	Resident	0.9 in one million	0.3 in one million	0.1 in one million	**1.3 in one million**	**0.7 in one million**	**-**	**-**	0.2 in one million	**1.5 in one million**	**0.8 in one million**
-3026.51	724.93	Resident	1.0 in one million	0.3 in one million	0.1 in one million	**1.4 in one million**	**0.7 in one million**	**-**	**-**	0.2 in one million	**1.6 in one million**	**0.9 in one million**
-1679.82	1478.41	Resident	0.9 in one million	0.6 in one million	0.2 in one million	**1.7 in one million**	**1.4 in one million**	**-**	**-**	0.5 in one million	**2.2 in one million**	**1.7 in one million**
-922.86	446.42	MIL	6.4 in one million	6.1 in one million	2.1 in one million	**14.6 in one million**	**14.6 in one million**	**2.9 in one million**	**-**	4.8 in one million	**19.4 in one million**	**17.2 in one million**
-1799.42	1088.51	Resident	1.0 in one million	0.6 in one million	0.2 in one million	**1.8 in one million**	**1.4 in one million**	**-**	**-**	0.5 in one million	**2.3 in one million**	**1.7 in one million**
-359.36	1846.44	Resident	2.1 in one million	1.0 in one million	0.3 in one million	**3.5 in one million**	**2.5 in one million**	**-**	**-**	0.8 in one million	**4.3 in one million**	**2.9 in one million**
671.30	-742.78	MIL	33.7 in one million	17.6 in one million	6.0 in one million	**57.3 in one million**	**42.6 in one million**	**8.9 in one million**	**-**	13.9 in one million	**71.2 in one million**	**50.1 in one million**
-1565.55	-932.22	Worker	4.8 in one million	3.6 in one million	1.2 in one million	**9.6 in one million**	**8.7 in one million**	**-**	**0.8 in one million**	2.8 in one million	**12.4 in one million**	**10.3 in one million**
-1733.02	-528.24	Fenceline	3.5 in one million	1.1 in one million	0.4 in one million	**4.9 in one million**	**2.5 in one million**	**-**	**-**	0.8 in one million	**5.7 in one million**	**3.0 in one million**
-1261.46	-507.67	Fenceline	9.7 in one million	5.3 in one million	1.8 in one million	**16.9 in one million**	**12.8 in one million**	**-**	**-**	4.2 in one million	**21.1 in one million**	**15.1 in one million**
-883.92	-503.26	Fenceline	55.8 in one million	4.6 in one million	1.5 in one million	**61.9 in one million**	**10.3 in one million**	**-**	**-**	3.4 in one million	**65.3 in one million**	**12.2 in one million**
1599.35	-1104.97	Resident	8.9 in one million	7.4 in one million	2.5 in one million	**18.8 in one million**	**18.1 in one million**	**-**	**-**	5.8 in one million	**24.7 in one million**	**21.3 in one million**
1608.16	-1382.63	Resident	7.3 in one million	5.1 in one million	1.7 in one million	**14.1 in one million**	**12.4 in one million**	**-**	**-**	4.0 in one million	**18.1 in one million**	**14.5 in one million**
3517.15	-1425.27	Resident	2.2 in one million	1.9 in one million	0.6 in one million	**4.7 in one million**	**4.5 in one million**	**-**	**-**	1.5 in one million	**6.2 in one million**	**5.3 in one million**
2959.77	-846.37	Resident	2.0 in one million	1.8 in one million	0.6 in one million	**4.4 in one million**	**4.3 in one million**	**-**	**-**	1.4 in one million	**5.8 in one million**	**5.0 in one million**
3479.67	224.81	Resident	0.6 in one million	0.4 in one million	0.1 in one million	**1.2 in one million**	**0.9 in one million**	**-**	**-**	0.3 in one million	**1.5 in one million**	**1.1 in one million**
44.43	1469.76	Resident	3.1 in one million	1.3 in one million	0.4 in one million	**4.8 in one million**	**3.1 in one million**	**-**	**-**	1.0 in one million	**5.8 in one million**	**3.6 in one million**
3044.83	-34.00	Resident	0.8 in one million	0.5 in one million	0.2 in one million	**1.5 in one million**	**1.2 in one million**	**-**	**-**	0.4 in one million	**1.9 in one million**	**1.4 in one million**
1088.00	-938.00	Marina	15.2 in one million	11.0 in one million	3.8 in one million	**30.0 in one million**	**26.8 in one million**	**-**	**-**	8.8 in one million	**38.7 in one million**	**31.6 in one million**
1647.00	-390.00	Resident	5.4 in one million	7.0 in one million	2.4 in one million	**14.8 in one million**	**17.2 in one million**	**-**	**-**	5.5 in one million	**20.3 in one million**	**20.2 in one million**
1650.00	-890.00	Resident	7.6 in one million	5.6 in one million	1.9 in one million	**15.2 in one million**	**13.8 in one million**	**-**	**-**	4.4 in one million	**19.6 in one million**	**16.2 in one million**
1430.00	215.00	Resident	3.3 in one million	3.2 in one million	1.1 in one million	**7.6 in one million**	**8.0 in one million**	**-**	**-**	2.5 in one million	**10.1 in one million**	**9.4 in one million**
1142.00	615.00	Resident	4.4 in one million	4.3 in one million	1.4 in one million	**10.1 in one million**	**10.4 in one million**	**-**	**-**	3.4 in one million	**13.5 in one million**	**12.2 in one million**
-333.00	-788.00	Marina	40.4 in one million	11.5 in one million	3.9 in one million	**55.8 in one million**	**27.6 in one million**	**-**	**-**	9.1 in one million	**64.8 in one million**	**32.5 in one million**
-42.00	-825.00	Marina	43.3 in one million	19.1 in one million	6.5 in one million	**68.9 in one million**	**46.1 in one million**	**-**	**-**	15.1 in one million	**84.0 in one million**	**54.3 in one million**
1900.00	-1175.00	Resident	6.9 in one million	6.0 in one million	2.0 in one million	**15.0 in one million**	**14.6 in one million**	**-**	**-**	4.7 in one million	**19.7 in one million**	**17.2 in one million**
1815.00	-1910.00	Resident	4.9 in one million	3.4 in one million	1.2 in one million	**9.4 in one million**	**8.3 in one million**	**-**	**-**	2.7 in one million	**12.1 in one million**	**9.7 in one million**
2575.00	-2650.00	Resident	2.7 in one million	1.9 in one million	0.6 in one million	**5.2 in one million**	**4.5 in one million**	**-**	**-**	1.5 in one million	**6.7 in one million**	**5.3 in one million**
2665.00	-2025.00	Resident	3.5 in one million	2.6 in one million	0.9 in one million	**7.0 in one million**	**6.4 in one million**	**-**	**-**	2.1 in one million	**9.1 in one million**	**7.5 in one million**

Alternative 4 Cancer Risk Summary without Mitigation

			30-Year Resident Incremental Cancer Risk (2024 Start)				30-Year Resident Incremental Cancer Risk (2035 Start)	30-Year Adult Resident Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk (2024 Start)	70-Year Resident Incremental Cancer Risk (2024 Start)		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
3480.00	-2025.00	Resident	2.7 in one million	2.1 in one million	0.7 in one million	**5.5 in one million**	**5.1 in one million**	**-**	**-**	1.7 in one million	**7.2 in one million**	**6.0 in one million**
2667.00	-1400.00	Resident	4.0 in one million	3.3 in one million	1.1 in one million	**8.4 in one million**	**8.1 in one million**	**-**	**-**	2.6 in one million	**11.0 in one million**	**9.5 in one million**
3400.00	-250.00	Resident	0.8 in one million	0.5 in one million	0.2 in one million	**1.4 in one million**	**1.1 in one million**	**-**	**-**	0.4 in one million	**1.8 in one million**	**1.3 in one million**
2577.00	-940.00	Resident	3.2 in one million	3.0 in one million	1.0 in one million	**7.2 in one million**	**7.2 in one million**	**-**	**-**	2.3 in one million	**9.5 in one million**	**8.5 in one million**
2404.00	-475.00	Resident	2.1 in one million	2.0 in one million	0.7 in one million	**4.8 in one million**	**4.9 in one million**	**-**	**-**	1.6 in one million	**6.4 in one million**	**5.8 in one million**
1577.00	291.00	Resident	2.5 in one million	2.3 in one million	0.8 in one million	**5.5 in one million**	**5.5 in one million**	**-**	**-**	1.8 in one million	**7.3 in one million**	**6.5 in one million**
2400.00	240.00	Resident	1.1 in one million	0.7 in one million	0.2 in one million	**2.0 in one million**	**1.6 in one million**	**-**	**-**	0.5 in one million	**2.5 in one million**	**1.9 in one million**
2600.00	1290.00	Resident	1.0 in one million	0.8 in one million	0.3 in one million	**2.0 in one million**	**1.8 in one million**	**-**	**-**	0.6 in one million	**2.6 in one million**	**2.2 in one million**
900.00	935.00	Resident	3.7 in one million	1.6 in one million	0.5 in one million	**5.8 in one million**	**3.9 in one million**	**-**	**-**	1.3 in one million	**7.0 in one million**	**4.6 in one million**
1375.00	1395.00	Resident	2.3 in one million	1.4 in one million	0.5 in one million	**4.1 in one million**	**3.3 in one million**	**-**	**-**	1.1 in one million	**5.1 in one million**	**3.9 in one million**

Alternative 4 Cancer Risk Summary without Mitigation

			30-Year Resident Incremental Cancer Risk (2024 Start)				30-Year Resident Incremental Cancer Risk (2035 Start)	30-Year Adult Resident Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk (2024 Start)	70-Year Resident Incremental Cancer Risk (2024 Start)		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
-1710.89	-383.91	Worker	1.4 in one million	- 6.2 in one million	- 2.3 in one million	**- 7.1 in one million**	**- 16.1 in one million**	**-**	**- 1.2 in one million**	- 5.3 in one million	**- 12.4 in one million**	**- 19.0 in one million**
-1778.03	-291.29	Worker	1.8 in one million	- 4.6 in one million	- 1.7 in one million	**- 4.5 in one million**	**- 11.9 in one million**	**-**	**- 0.9 in one million**	- 3.9 in one million	**- 8.4 in one million**	**- 14.0 in one million**
-1732.28	175.05	Worker	1.9 in one million	- 2.6 in one million	- 0.9 in one million	**- 1.6 in one million**	**- 6.7 in one million**	**-**	**- 0.5 in one million**	- 2.2 in one million	**- 3.8 in one million**	**- 7.9 in one million**
-1579.43	347.93	Worker	1.4 in one million	- 2.7 in one million	- 1.0 in one million	**- 2.3 in one million**	**- 7.0 in one million**	**-**	**- 0.5 in one million**	- 2.3 in one million	**- 4.6 in one million**	**- 8.3 in one million**
-1525.43	516.64	Worker	1.0 in one million	- 2.3 in one million	- 0.8 in one million	**- 2.1 in one million**	**- 5.9 in one million**	**-**	**- 0.4 in one million**	- 1.9 in one million	**- 4.0 in one million**	**- 6.9 in one million**
-1332.88	500.04	MIL	0.8 in one million	- 3.9 in one million	- 1.4 in one million	**- 4.5 in one million**	**- 10.1 in one million**	**- 1.8 in one million**	**-**	- 3.3 in one million	**- 7.9 in one million**	**- 11.9 in one million**
-1140.45	476.30	MIL	0.5 in one million	- 6.4 in one million	- 2.3 in one million	**- 8.3 in one million**	**- 16.6 in one million**	**- 2.9 in one million**	**-**	- 5.4 in one million	**- 13.7 in one million**	**- 19.5 in one million**
-672.12	353.55	MIL	3.1 in one million	- 13.1 in one million	- 4.8 in one million	**- 14.8 in one million**	**- 34.1 in one million**	**- 5.9 in one million**	**-**	- 11.2 in one million	**- 26.0 in one million**	**- 40.2 in one million**
-169.37	170.38	MIL	19.9 in one million	1.9 in one million	0.6 in one million	**22.4 in one million**	**4.5 in one million**	**1.5 in one million**	**-**	1.5 in one million	**23.8 in one million**	**5.2 in one million**
-75.04	299.11	MIL	13.4 in one million	- 0.2 in one million	- 0.1 in one million	**13.1 in one million**	**- 0.8 in one million**	**0.3 in one million**	**-**	- 0.3 in one million	**12.9 in one million**	**- 0.9 in one million**
49.15	527.20	MIL	7.5 in one million	- 2.8 in one million	- 1.0 in one million	**3.7 in one million**	**- 7.3 in one million**	**- 1.0 in one million**	**-**	- 2.4 in one million	**1.3 in one million**	**- 8.6 in one million**
144.22	648.15	MIL	5.7 in one million	- 3.5 in one million	- 1.3 in one million	**0.9 in one million**	**- 9.0 in one million**	**- 1.4 in one million**	**-**	- 3.0 in one million	**- 2.0 in one million**	**- 10.6 in one million**
394.15	623.31	Worker	- 0.8 in one million	- 20.4 in one million	- 7.3 in one million	**- 28.6 in one million**	**- 52.3 in one million**	**-**	**- 3.9 in one million**	- 17.1 in one million	**- 45.7 in one million**	**- 61.5 in one million**
501.62	717.12	Worker	1.5 in one million	- 10.9 in one million	- 3.9 in one million	**- 13.4 in one million**	**- 28.0 in one million**	**-**	**- 2.1 in one million**	- 9.2 in one million	**- 22.6 in one million**	**- 32.9 in one million**
618.47	665.12	Worker	2.3 in one million	- 7.9 in one million	- 2.8 in one million	**- 8.4 in one million**	**- 20.2 in one million**	**-**	**- 1.5 in one million**	- 6.6 in one million	**- 15.0 in one million**	**- 23.8 in one million**
755.45	579.13	Worker	3.3 in one million	- 4.2 in one million	- 1.5 in one million	**- 2.4 in one million**	**- 10.7 in one million**	**-**	**- 0.8 in one million**	- 3.5 in one million	**- 6.0 in one million**	**- 12.6 in one million**
867.79	485.41	Worker	3.8 in one million	- 1.9 in one million	- 0.7 in one million	**1.2 in one million**	**- 4.7 in one million**	**-**	**- 0.3 in one million**	- 1.6 in one million	**- 0.3 in one million**	**- 5.6 in one million**
955.03	377.60	Worker	3.9 in one million	- 0.5 in one million	- 0.2 in one million	**3.2 in one million**	**- 1.3 in one million**	**-**	**0.0 in one million**	- 0.5 in one million	**2.7 in one million**	**- 1.6 in one million**
1331.68	-165.58	Worker	5.4 in one million	6.9 in one million	2.5 in one million	**14.8 in one million**	**17.8 in one million**	**-**	**1.4 in one million**	5.8 in one million	**20.5 in one million**	**20.9 in one million**
1406.74	-290.13	Worker	4.1 in one million	2.6 in one million	0.9 in one million	**7.5 in one million**	**6.6 in one million**	**-**	**0.5 in one million**	2.1 in one million	**9.7 in one million**	**7.8 in one million**
1456.20	-436.06	Worker	4.4 in one million	1.3 in one million	0.4 in one million	**6.1 in one million**	**3.4 in one million**	**-**	**0.3 in one million**	1.0 in one million	**7.2 in one million**	**3.9 in one million**
1209.21	-528.32	Worker	8.8 in one million	3.8 in one million	1.4 in one million	**14.0 in one million**	**9.8 in one million**	**-**	**0.9 in one million**	3.2 in one million	**17.2 in one million**	**11.5 in one million**
913.01	-694.67	Worker	19.6 in one million	- 0.6 in one million	- 0.3 in one million	**18.7 in one million**	**- 1.5 in one million**	**-**	**0.2 in one million**	- 0.6 in one million	**18.0 in one million**	**- 1.9 in one million**
717.24	-664.22	MIL	36.6 in one million	- 1.3 in one million	- 0.5 in one million	**34.8 in one million**	**- 3.2 in one million**	**0.6 in one million**	**-**	- 1.1 in one million	**33.7 in one million**	**- 3.8 in one million**
544.23	-594.35	MIL	55.3 in one million	0.0 in one million	0.0 in one million	**55.3 in one million**	**0.0 in one million**	**1.8 in one million**	**-**	0.0 in one million	**55.3 in one million**	**0.0 in one million**
338.12	-539.73	Fenceline	81.1 in one million	8.1 in one million	2.8 in one million	**92.0 in one million**	**20.5 in one million**	**-**	**-**	6.6 in one million	**98.6 in one million**	**24.0 in one million**
123.44	-529.45	Worker	114.2 in one million	26.2 in one million	9.3 in one million	**149.7 in one million**	**66.7 in one million**	**-**	**6.7 in one million**	21.8 in one million	**171.5 in one million**	**78.5 in one million**
-353.26	-515.05	Worker	87.3 in one million	- 23.1 in one million	- 8.4 in one million	**55.7 in one million**	**- 60.5 in one million**	**-**	**- 3.1 in one million**	- 19.7 in one million	**36.0 in one million**	**- 71.1 in one million**
-537.68	-487.80	Worker	83.0 in one million	- 30.8 in one million	- 11.3 in one million	**40.9 in one million**	**- 80.6 in one million**	**-**	**- 4.6 in one million**	- 26.4 in one million	**14.6 in one million**	**- 94.9 in one million**
-775.51	-486.07	Worker	66.8 in one million	- 33.3 in one million	- 12.3 in one million	**21.2 in one million**	**- 87.9 in one million**	**-**	**- 5.4 in one million**	- 28.7 in one million	**- 7.5 in one million**	**- 103.5 in one million**
-1414.44	-481.50	Fenceline	0.1 in one million	- 15.1 in one million	- 5.5 in one million	**- 20.5 in one million**	**- 38.9 in one million**	**-**	**-**	- 12.7 in one million	**- 33.2 in one million**	**- 45.8 in one million**
-1515.21	-320.18	Worker	- 1.2 in one million	- 17.3 in one million	- 6.2 in one million	**- 24.7 in one million**	**- 44.5 in one million**	**-**	**- 3.3 in one million**	- 14.5 in one million	**- 39.3 in one million**	**- 52.4 in one million**
-1749.69	-63.90	Worker	1.9 in one million	- 4.5 in one million	- 1.6 in one million	**- 4.3 in one million**	**- 11.7 in one million**	**-**	**- 0.8 in one million**	- 3.8 in one million	**- 8.1 in one million**	**- 13.7 in one million**
-920.57	426.17	Fenceline	0.6 in one million	- 10.4 in one million	- 3.7 in one million	**- 13.5 in one million**	**- 26.7 in one million**	**-**	**-**	- 8.7 in one million	**- 22.3 in one million**	**- 31.5 in one million**
-420.73	233.87	MIL	10.3 in one million	- 9.6 in one million	- 3.5 in one million	**- 2.8 in one million**	**- 25.3 in one million**	**- 4.1 in one million**	**-**	- 8.3 in one million	**- 11.1 in one million**	**- 29.8 in one million**
1090.12	214.10	Worker	3.8 in one million	1.2 in one million	0.4 in one million	**5.5 in one million**	**3.3 in one million**	**-**	**0.3 in one million**	1.0 in one million	**6.5 in one million**	**3.8 in one million**
1183.39	65.17	Worker	5.3 in one million	6.3 in one million	2.2 in one million	**13.9 in one million**	**16.3 in one million**	**-**	**1.3 in one million**	5.2 in one million	**19.1 in one million**	**19.1 in one million**
1055.30	-577.42	Worker	12.5 in one million	2.8 in one million	1.0 in one million	**16.3 in one million**	**7.2 in one million**	**-**	**0.7 in one million**	2.3 in one million	**18.6 in one million**	**8.4 in one million**
-103.02	-518.78	Worker	112.5 in one million	13.6 in one million	4.8 in one million	**130.9 in one million**	**34.0 in one million**	**-**	**4.3 in one million**	11.1 in one million	**142.0 in one million**	**40.0 in one million**
-1076.39	-488.67	Fenceline	14.0 in one million	- 26.8 in one million	- 9.7 in one million	**- 22.5 in one million**	**- 69.3 in one million**	**-**	**-**	- 22.6 in one million	**- 45.1 in one million**	**- 81.5 in one million**
-4113.79	-1330.97	Resident	0.5 in one million	- 0.2 in one million	- 0.1 in one million	**0.2 in one million**	**- 0.5 in one million**	**-**	**-**	- 0.2 in one million	**0.0 in one million**	**- 0.6 in one million**
-5050.04	-958.41	Resident	0.4 in one million	- 0.1 in one million	- 0.1 in one million	**0.2 in one million**	**- 0.4 in one million**	**-**	**-**	- 0.1 in one million	**0.1 in one million**	**- 0.4 in one million**
-4023.97	-112.26	Resident	0.6 in one million	- 0.2 in one million	- 0.1 in one million	**0.3 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.1 in one million**	**- 0.7 in one million**
-2122.34	995.23	Resident	0.6 in one million	- 0.4 in one million	- 0.1 in one million	**0.1 in one million**	**- 1.0 in one million**	**-**	**-**	- 0.3 in one million	**- 0.2 in one million**	**- 1.2 in one million**
-2734.69	227.40	Resident	1.2 in one million	- 0.5 in one million	- 0.2 in one million	**0.5 in one million**	**- 1.4 in one million**	**-**	**-**	- 0.5 in one million	**0.0 in one million**	**- 1.6 in one million**
-2371.11	-69.21	Resident	1.5 in one million	- 1.0 in one million	- 0.4 in one million	**0.2 in one million**	**- 2.5 in one million**	**-**	**-**	- 0.8 in one million	**- 0.6 in one million**	**- 3.0 in one million**
-2146.26	177.17	Resident	1.7 in one million	- 1.1 in one million	- 0.4 in one million	**0.2 in one million**	**- 2.9 in one million**	**-**	**-**	- 0.9 in one million	**- 0.7 in one million**	**- 3.4 in one million**
-1919.02	445.07	Resident	1.4 in one million	- 0.9 in one million	- 0.3 in one million	**0.1 in one million**	**- 2.4 in one million**	**-**	**-**	- 0.8 in one million	**- 0.6 in one million**	**- 2.8 in one million**
-1651.12	607.72	Resident	1.0 in one million	- 1.4 in one million	- 0.5 in one million	**- 0.9 in one million**	**- 3.5 in one million**	**-**	**-**	- 1.2 in one million	**- 2.0 in one million**	**- 4.1 in one million**
-3361.39	677.09	Resident	0.7 in one million	- 0.2 in one million	- 0.1 in one million	**0.4 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.2 in one million**	**- 0.8 in one million**
-3026.51	724.93	Resident	0.8 in one million	- 0.3 in one million	- 0.1 in one million	**0.4 in one million**	**- 0.7 in one million**	**-**	**-**	- 0.2 in one million	**0.2 in one million**	**- 0.8 in one million**
-1679.82	1478.41	Resident	0.5 in one million	- 0.7 in one million	- 0.2 in one million	**- 0.4 in one million**	**- 1.7 in one million**	**-**	**-**	- 0.6 in one million	**- 1.0 in one million**	**- 2.0 in one million**
-922.86	446.42	MIL	0.6 in one million	- 9.7 in one million	- 3.5 in one million	**- 12.6 in one million**	**- 25.1 in one million**	**- 4.4 in one million**	**-**	- 8.2 in one million	**- 20.8 in one million**	**- 29.5 in one million**
-1799.42	1088.51	Resident	0.6 in one million	- 0.7 in one million	- 0.2 in one million	**- 0.3 in one million**	**- 1.7 in one million**	**-**	**-**	- 0.6 in one million	**- 0.9 in one million**	**- 2.0 in one million**
-359.36	1846.44	Resident	1.4 in one million	- 1.1 in one million	- 0.4 in one million	**- 0.1 in one million**	**- 2.8 in one million**	**-**	**-**	- 0.9 in one million	**- 1.0 in one million**	**- 3.2 in one million**
671.30	-742.78	MIL	29.8 in one million	2.8 in one million	1.0 in one million	**33.5 in one million**	**7.1 in one million**	**2.2 in one million**	**-**	2.3 in one million	**35.8 in one million**	**8.3 in one million**
-1565.55	-932.22	Worker	2.3 in one million	- 3.4 in one million	- 1.2 in one million	**- 2.4 in one million**	**- 8.7 in one million**	**-**	**- 0.6 in one million**	- 2.9 in one million	**- 5.3 in one million**	**- 10.3 in one million**
-1733.02	-528.24	Fenceline	1.1 in one million	- 6.0 in one million	- 2.2 in one million	**- 7.1 in one million**	**- 15.4 in one million**	**-**	**-**	- 5.0 in one million	**- 12.1 in one million**	**- 18.1 in one million**
-1261.46	-507.67	Fenceline	1.2 in one million	- 18.9 in one million	- 6.8 in one million	**- 24.5 in one million**	**- 48.7 in one million**	**-**	**-**	- 15.9 in one million	**- 40.4 in one million**	**- 57.3 in one million**
-883.92	-503.26	Fenceline	46.6 in one million	- 26.7 in one million	- 9.8 in one million	**10.1 in one million**	**- 70.1 in one million**	**-**	**-**	- 22.9 in one million	**- 12.8 in one million**	**- 82.4 in one million**
1599.35	-1104.97	Resident	6.7 in one million	0.9 in one million	0.3 in one million	**7.9 in one million**	**2.5 in one million**	**-**	**-**	0.7 in one million	**8.7 in one million**	**2.9 in one million**
1608.16	-1382.63	Resident	5.4 in one million	- 0.6 in one million	- 0.2 in one million	**4.5 in one million**	**- 1.6 in one million**	**-**	**-**	- 0.6 in one million	**3.9 in one million**	**- 1.9 in one million**
3517.15	-1425.27	Resident	1.5 in one million	- 0.2 in one million	- 0.1 in one million	**1.3 in one million**	**- 0.5 in one million**	**-**	**-**	- 0.2 in one million	**1.1 in one million**	**- 0.6 in one million**
2959.77	-846.37	Resident	1.3 in one million	- 0.3 in one million	- 0.1 in one million	**0.9 in one million**	**- 0.7 in one million**	**-**	**-**	- 0.2 in one million	**0.7 in one million**	**- 0.9 in one million**
3479.67	224.81	Resident	0.5 in one million	- 0.1 in one million	0.0 in one million	**0.3 in one million**	**- 0.4 in one million**	**-**	**-**	- 0.1 in one million	**0.2 in one million**	**- 0.4 in one million**
44.43	1469.76	Resident	2.2 in one million	- 1.4 in one million	- 0.5 in one million	**0.2 in one million**	**- 3.7 in one million**	**-**	**-**	- 1.2 in one million	**- 1.0 in one million**	**- 4.4 in one million**
3044.83	-34.00	Resident	0.6 in one million	- 0.2 in one million	- 0.1 in one million	**0.3 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.1 in one million**	**- 0.7 in one million**
1088.00	-938.00	Marina	12.0 in one million	1.3 in one million	0.4 in one million	**13.7 in one million**	**3.3 in one million**	**-**	**-**	1.0 in one million	**14.7 in one million**	**3.8 in one million**
1647.00	-390.00	Resident	2.8 in one million	0.2 in one million	0.1 in one million	**3.2 in one million**	**0.9 in one million**	**-**	**-**	0.2 in one million	**3.3 in one million**	**1.0 in one million**
1650.00	-890.00	Resident	5.6 in one million	- 0.4 in one million	- 0.2 in one million	**5.1 in one million**	**- 0.8 in one million**	**-**	**-**	- 0.4 in one million	**4.7 in one million**	**- 1.0 in one million**
1430.00	215.00	Resident	2.0 in one million	- 0.4 in one million	- 0.2 in one million	**1.4 in one million**	**- 0.8 in one million**	**-**	**-**	- 0.4 in one million	**1.0 in one million**	**- 1.1 in one million**
1142.00	615.00	Resident	3.0 in one million	0.3 in one million	0.1 in one million	**3.5 in one million**	**0.9 in one million**	**-**	**-**	0.3 in one million	**3.7 in one million**	**1.0 in one million**
-333.00	-788.00	Marina	35.3 in one million	- 6.3 in one million	- 2.3 in one million	**26.7 in one million**	**- 16.7 in one million**	**-**	**-**	- 5.5 in one million	**21.2 in one million**	**- 19.7 in one million**
-42.00	-825.00	Marina	37.9 in one million	0.4 in one million	0.1 in one million	**38.4 in one million**	**0.7 in one million**	**-**	**-**	0.2 in one million	**38.7 in one million**	**0.9 in one million**
1900.00	-1175.00	Resident	5.1 in one million	0.8 in one million	0.3 in one million	**6.1 in one million**	**2.0 in one million**	**-**	**-**	0.6 in one million	**6.7 in one million**	**2.3 in one million**
1815.00	-1910.00	Resident	3.5 in one million	- 0.5 in one million	- 0.2 in one million	**2.9 in one million**	**- 1.2 in one million**	**-**	**-**	- 0.4 in one million	**2.5 in one million**	**- 1.4 in one million**
2575.00	-2650.00	Resident	1.9 in one million	- 0.4 in one million	- 0.1 in one million	**1.4 in one million**	**- 1.0 in one million**	**-**	**-**	- 0.3 in one million	**1.0 in one million**	**- 1.2 in one million**
2665.00	-2025.00	Resident	2.4 in one million	- 0.4 in one million	- 0.1 in one million	**1.9 in one million**	**- 1.0 in one million**	**-**	**-**	- 0.3 in one million	**1.6 in one million**	**- 1.2 in one million**

Alternative 4 Cancer Risk Summary with Mitigation

			30-Year Resident Incremental Cancer Risk (2024 Start)				30-Year Resident Incremental Cancer Risk (2035 Start)	30-Year Adult Resident Incremental Cancer Risk (2024 Start)	Worker Incremental Cancer Risk (2024 Start)	70-Year Resident Incremental Cancer Risk (2024 Start)		70-Year Resident Incremental Cancer Risk (2035 Start)
Relative X	**Relative Y**		**3rd Trimester - 02 Years**	**02 Years - 16 Years**	**16 Years - 30 Years**	**3rd Trimester - 30 Years**	**3rd Trimester - 30 Years**	**16 Years - 46 Years**	**16 Years - 40 Years**	**30 Years - 70 Years**	**3rd Trimester - 70 Years**	**3rd Trimester - 30 Years**
3480.00	-2025.00	Resident	1.8 in one million	- 0.3 in one million	- 0.1 in one million	**1.5 in one million**	**- 0.7 in one million**	**-**	**-**	- 0.2 in one million	**1.2 in one million**	**- 0.8 in one million**
2667.00	-1400.00	Resident	2.8 in one million	0.0 in one million	0.0 in one million	**2.8 in one million**	**0.1 in one million**	**-**	**-**	0.0 in one million	**2.8 in one million**	**0.1 in one million**
3400.00	-250.00	Resident	0.6 in one million	- 0.3 in one million	- 0.1 in one million	**0.2 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.0 in one million**	**- 0.8 in one million**
2577.00	-940.00	Resident	2.2 in one million	0.0 in one million	0.0 in one million	**2.2 in one million**	**0.0 in one million**	**-**	**-**	0.0 in one million	**2.1 in one million**	**0.0 in one million**
2404.00	-475.00	Resident	1.3 in one million	- 0.4 in one million	- 0.1 in one million	**0.7 in one million**	**- 1.0 in one million**	**-**	**-**	- 0.3 in one million	**0.4 in one million**	**- 1.2 in one million**
1577.00	291.00	Resident	1.7 in one million	- 0.1 in one million	0.0 in one million	**1.5 in one million**	**- 0.2 in one million**	**-**	**-**	- 0.1 in one million	**1.4 in one million**	**- 0.3 in one million**
2400.00	240.00	Resident	0.8 in one million	- 0.2 in one million	- 0.1 in one million	**0.5 in one million**	**- 0.6 in one million**	**-**	**-**	- 0.2 in one million	**0.3 in one million**	**- 0.7 in one million**
2600.00	1290.00	Resident	0.8 in one million	0.0 in one million	0.0 in one million	**0.8 in one million**	**0.0 in one million**	**-**	**-**	0.0 in one million	**0.7 in one million**	**0.0 in one million**
900.00	935.00	Resident	2.7 in one million	- 1.3 in one million	- 0.5 in one million	**0.9 in one million**	**- 3.4 in one million**	**-**	**-**	- 1.1 in one million	**- 0.2 in one million**	**- 4.0 in one million**
1375.00	1395.00	Resident	1.7 in one million	- 0.4 in one million	- 0.1 in one million	**1.1 in one million**	**- 1.0 in one million**	**-**	**-**	- 0.3 in one million	**0.8 in one million**	**- 1.2 in one million**

Alternative 4 Cancer Risk Summary with Mitigation

				Starting in 2024 in one million	**Risk Sum (Burden) 0.6**	*Starting in 2035 in one million*	**Risk Sum (Burden) 0.5**
Census Tract	**Population**	**Burden Basis**	**Receptor (X, Y)**	**Average Risk**	**Risk Product**	**Average Risk**	**Risk Product**
6073000202	4208	Discrete Receptor	1375, 1395	5.1	0.021	4.1	0.017
6073000300	4732	Discrete Receptor	2600, 1290	2.6	0.012	2.3	0.011
6073000700	3754	Isopleth Triangulation	-	3	0.011	3	0.011
6073005600	4463	Isopleth Triangulation	-	7	0.031	6	0.027
6073006100	2237	Discrete Receptor	1577, 291	7.9	0.018	7.5	0.017
6073006000	3536	Discrete Receptor	2400, 240	2.6	0.009	2.1	0.007
6073005900	2821	Discrete Receptor	2404, -475	6.5	0.018	6.1	0.017
6073005700	1948	Discrete Receptor	2577, -940	9.4	0.018	8.7	0.017
6073005800	2725	Discrete Receptor	1900, -1175	20.2	0.055	18.4	0.050
6073006200	144	Isopleth Triangulation	-	24	0.003	25	0.004
6073005400	7435	Discrete Receptor	1815, -1910	12.3	0.091	10.3	0.077
6073005300	6667	Discrete Receptor	2665, -2025	9.1	0.061	7.8	0.052
6073005200	4563	Discrete Receptor	3480, -2025	7.1	0.032	6.1	0.028
6073004600	1940	Isopleth Triangulation	-	7	0.014	6	0.012
6073005100	7140	Isopleth Triangulation	-	7	0.050	6	0.043
6073004700	1858	Isopleth Triangulation	-	7	0.013	6	0.011
6073006300	3435	Isopleth Triangulation	-	10	0.034	10	0.034
6073006600	1920	Isopleth Triangulation	-	5	0.010	5	0.010
6073006900	5148	Isopleth Triangulation	-	6	0.031	6	0.031
6073021400	7225	Isopleth Triangulation	-	7	0.051	6	0.043
6073007002	2947	Isopleth Triangulation	-	2	0.006	2	0.006
6073007100	5029	Isopleth Triangulation	-	2	0.010	2	0.010
6073009902	2	Discrete Receptor	-42, -825	84.8	0.000	56.8	0.000

				Starting in 2024 in one million	**Risk Sum (Burden) 0.5**	*Starting in 2035 in one million*	**Risk Sum (Burden) 0.4**
Census Tract	**Population**	**Burden Basis**	**Receptor (X, Y)**	**Average Risk**	**Risk Product**	**Average Risk**	**Risk Product**
6073000202	4208	Discrete Receptor	1375, 1395	5.1	0.021	3.9	0.016
6073000300	4732	Discrete Receptor	2600, 1290	2.6	0.012	2.2	0.010
6073000700	3754	Isopleth Triangulation	-	4	0.015	3	0.011
6073005600	4463	Isopleth Triangulation	-	4	0.018	4	0.018
6073006100	2237	Discrete Receptor	1577, 291	7.3	0.016	6.5	0.015
6073006000	3536	Discrete Receptor	2400, 240	2.5	0.009	1.9	0.007
6073005900	2821	Discrete Receptor	2404, -475	6.4	0.018	5.8	0.016
6073005700	1948	Discrete Receptor	2577, -940	9.5	0.019	8.5	0.017
6073005800	2725	Discrete Receptor	1900, -1175	19.7	0.054	17.2	0.047
6073006200	144	Isopleth Triangulation	-	20	0.003	20	0.003
6073005400	7435	Discrete Receptor	1815, -1910	12.1	0.090	9.7	0.072
6073005300	6667	Discrete Receptor	2665, -2025	9.1	0.061	7.5	0.050
6073005200	4563	Discrete Receptor	3480, -2025	7.2	0.033	6	0.027
6073004600	1940	Isopleth Triangulation	-	7	0.014	6	0.012
6073005100	7140	Isopleth Triangulation	-	7	0.050	6	0.043
6073004700	1858	Isopleth Triangulation	-	7	0.013	6	0.011
6073006300	3435	Isopleth Triangulation	-	10	0.034	9	0.031
6073006600	1920	Isopleth Triangulation	-	3	0.006	2	0.004
6073006900	5148	Isopleth Triangulation	-	2	0.010	1	0.005
6073021400	7225	Isopleth Triangulation	-	4	0.029	2	0.014
6073007002	2947	Isopleth Triangulation	-	1	0.003	1	0.003
6073007100	5029	Isopleth Triangulation	-	1	0.005	1	0.005
6073009902	2	Discrete Receptor	-42, -825	84	0.000	54.3	0.000

				Starting in 2024 in one million	**Risk Sum (Burden) 0.1**	*Starting in 2035 in one million*	**Risk Sum (Burden) 0.03**
Census Tract	**Population**	**Burden Basis**	**Receptor (X, Y)**	**Average Risk**	**Risk Product**	**Average Risk**	**Risk Product**
6073000202	4208	Discrete Receptor	1375, 1395	0.7	0.003	0	0.000
6073000300	4732	Discrete Receptor	2600, 1290	0.7	0.003	0.1	0.000
6073000700	3754	Isopleth Triangulation	-	1	0.004	1	0.004
6073005600	4463	Isopleth Triangulation	-	1	0.004	1	0.004
6073006100	2237	Discrete Receptor	1577, 291	1.9	0.004	0.7	0.002
6073006000	3536	Discrete Receptor	2400, 240	0.3	0.001	0	0.000
6073005900	2821	Discrete Receptor	2404, -475	0.4	0.001	0	0.000
6073005700	1948	Discrete Receptor	2577, -940	2	0.004	0.3	0.001
6073005800	2725	Discrete Receptor	1900, -1175	7.2	0.020	3.8	0.010
6073006200	144	Isopleth Triangulation	-	10	0.001	10	0.001
6073005400	7435	Discrete Receptor	1815, -1910	2.4	0.018	0	0.000
6073005300	6667	Discrete Receptor	2665, -2025	1.4	0.009	0	0.000
6073005200	4563	Discrete Receptor	3480, -2025	1.1	0.005	0	0.000
6073004600	1940	Isopleth Triangulation	-	1	0.002	0	0.000
6073005100	7140	Isopleth Triangulation	-	1	0.007	0	0.000
6073004700	1858	Isopleth Triangulation	-	1	0.002	0	0.000
6073006300	3435	Isopleth Triangulation	-	1	0.003	1	0.003
6073006600	1920	Isopleth Triangulation	-	1	0.002	0	0.000
6073006900	5148	Isopleth Triangulation	-	1	0.005	1	0.005
6073021400	7225	Isopleth Triangulation	-	1	0.007	0	0.000
6073007002	2947	Isopleth Triangulation	-	1	0.003	0	0.000
6073007100	5029	Isopleth Triangulation	-	1	0.005	0	0.000
6073009902	2	Discrete Receptor	-42, -825	37	0.000	2.9	0.000

				Starting in 2024 in one million	**Risk Sum (Burden) 0.09**	*Starting in 2035 in one million*	**Risk Sum (Burden) 0.01**
Census Tract	**Population**	**Burden Basis**	**Receptor (X, Y)**	**Average Risk**	**Risk Product**	**Average Risk**	**Risk Product**
6073000202	4208	Discrete Receptor	1375, 1395	0.8	0.003	0	0.000
6073000300	4732	Discrete Receptor	2600, 1290	0.7	0.003	0	0.000
6073000700	3754	Isopleth Triangulation	-	1	0.004	0	0.000
6073005600	4463	Isopleth Triangulation	-	1	0.004	0	0.000
6073006100	2237	Discrete Receptor	1577, 291	1.4	0.003	0	0.000
6073006000	3536	Discrete Receptor	2400, 240	0.3	0.001	0	0.000
6073005900	2821	Discrete Receptor	2404, -475	0.4	0.001	0	0.000
6073005700	1948	Discrete Receptor	2577, -940	2.1	0.004	0	0.000
6073005800	2725	Discrete Receptor	1900, -1175	6.7	0.018	2.3	0.006
6073006200	144	Isopleth Triangulation	-	10	0.001	10	0.001
6073005400	7435	Discrete Receptor	1815, -1910	2.5	0.019	0	0.000
6073005300	6667	Discrete Receptor	2665, -2025	1.6	0.011	0	0.000
6073005200	4563	Discrete Receptor	3480, -2025	1.2	0.005	0	0.000
6073004600	1940	Isopleth Triangulation	-	1	0.002	0	0.000
6073005100	7140	Isopleth Triangulation	-	1	0.007	0	0.000
6073004700	1858	Isopleth Triangulation	-	1	0.002	0	0.000
6073006300	3435	Isopleth Triangulation	-	0	0.000	0	0.000
6073006600	1920	Isopleth Triangulation	-	0	0.000	0	0.000
6073006900	5148	Isopleth Triangulation	-	0	0.000	0	0.000
6073021400	7225	Isopleth Triangulation	-	0	0.000	0	0.000
6073007002	2947	Isopleth Triangulation	-	0	0.000	0	0.000
6073007100	5029	Isopleth Triangulation	-	0	0.000	0	0.000
6073009902	2	Discrete Receptor	-42, -825	38.7	0.000	0.9	0.000

R-D4 – HARP2 RAST Output Data

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	7.65E-07	2.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-09	2.10E-08	4.13E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	7.52E-07	2.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-09	2.07E-08	4.06E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	7.11E-07	2.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	1.95E-08	3.84E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	5.50E-07	1.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	1.51E-08	2.97E-10	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	4.09E-07	1.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	1.12E-08	2.21E-10	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	4.90E-07	1.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-09	1.35E-08	2.64E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	6.18E-07	1.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-09	1.70E-08	3.33E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	2.24E-06	6.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-09	6.15E-08	1.21E-09	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.29E-06	1.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	1.18E-07	2.31E-09	0.00E+00
10	-75.04	299.11	7440382	Arsenic	3.10E-06	9.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	8.52E-08	1.67E-09	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.98E-06	6.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-09	5.44E-08	1.07E-09	0.00E+00
12	144.22	648.15	7440382	Arsenic	1.63E-06	5.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-09	4.48E-08	8.79E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	1.60E-06	4.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-09	4.40E-08	8.63E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.77E-06	5.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-09	4.86E-08	9.55E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.52E-06	4.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-09	4.18E-08	8.20E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.37E-06	4.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	3.76E-08	7.39E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.32E-06	4.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-09	3.63E-08	7.12E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.27E-06	3.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-09	3.49E-08	6.85E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	1.90E-06	5.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-09	5.22E-08	1.03E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.37E-06	4.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	3.76E-08	7.39E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.75E-06	5.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	4.81E-08	9.44E-10	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.26E-06	7.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-09	6.21E-08	1.22E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	7.08E-06	2.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	1.95E-07	3.82E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	8.85E-06	2.76E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-08	2.43E-07	4.78E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	1.21E-05	3.77E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-08	3.32E-07	6.53E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	1.62E-05	5.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-08	4.45E-07	8.74E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.27E-05	7.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.20E-08	6.24E-07	1.22E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	2.02E-05	6.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-08	5.55E-07	1.09E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	2.35E-05	7.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-08	6.46E-07	1.27E-08	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	2.09E-05	6.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-08	5.74E-07	1.13E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	1.47E-06	4.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-09	4.04E-08	7.93E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	7.73E-07	2.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	2.12E-08	4.17E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	8.63E-07	2.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	2.37E-08	4.66E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.02E-06	3.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-09	2.80E-08	5.50E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	3.78E-06	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	1.04E-07	2.04E-09	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.66E-06	5.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-09	4.56E-08	8.96E-10	0.00E+00
37	1183.39	65.17	7440382	Arsenic	1.99E-06	6.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	5.47E-08	1.07E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	3.11E-06	9.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-09	8.55E-08	1.68E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	2.34E-05	7.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-08	6.43E-07	1.26E-08	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	4.66E-06	1.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	1.28E-07	2.51E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.35E-07	4.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-10	3.71E-09	7.28E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	9.81E-08	3.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-10	2.70E-09	5.29E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.63E-07	5.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-10	4.48E-09	8.79E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.76E-07	5.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-10	4.84E-09	9.50E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	3.53E-07	1.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	9.70E-09	1.90E-10	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	4.62E-07	1.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	1.27E-08	2.49E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	5.38E-07	1.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	1.48E-08	2.90E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	4.15E-07	1.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	1.14E-08	2.24E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	3.33E-07	1.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	9.15E-09	1.80E-10	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	2.17E-07	6.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-10	5.96E-09	1.17E-10	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.24E-07	6.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-10	6.15E-09	1.21E-10	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.65E-07	5.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-10	4.53E-09	8.90E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	9.77E-07	3.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-09	2.68E-08	5.27E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	2.02E-07	6.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-10	5.55E-09	1.09E-10	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.29E-07	1.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	1.18E-08	2.31E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	6.45E-06	2.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	1.77E-07	3.48E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.36E-06	4.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-09	3.74E-08	7.34E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	1.06E-06	3.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-09	2.91E-08	5.72E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	1.37E-06	4.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	3.76E-08	7.39E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	1.39E-05	4.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-08	3.82E-07	7.50E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.97E-06	9.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-09	8.16E-08	1.60E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.85E-06	5.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-09	5.08E-08	9.98E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	4.26E-07	1.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	1.17E-08	2.30E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	3.71E-07	1.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	1.02E-08	2.00E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	1.51E-07	4.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-10	4.15E-09	8.15E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.51E-07	2.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	1.79E-08	3.51E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	2.10E-07	6.55E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-10	5.77E-09	1.13E-10	0.00E+00
68	1088	-938	7440382	Arsenic	3.06E-06	9.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-09	8.41E-08	1.65E-09	0.00E+00
69	1647	-390	7440382	Arsenic	2.67E-06	8.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-09	7.34E-08	1.44E-09	0.00E+00
70	1650	-890	7440382	Arsenic	3.40E-06	1.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	9.34E-08	1.83E-09	0.00E+00
71	1430	215	7440382	Arsenic	2.49E-06	7.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-09	6.84E-08	1.34E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.01E-06	3.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-09	2.78E-08	5.45E-10	0.00E+00
73	-333	-788	7440382	Arsenic	8.56E-06	2.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	2.35E-07	4.62E-09	0.00E+00
74	-42	-825	7440382	Arsenic	8.32E-06	2.59E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	2.29E-07	4.49E-09	0.00E+00
75	1900	-1175	7440382	Arsenic	1.88E-06	5.86E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-09	5.17E-08	1.01E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	9.59E-07	2.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-09	2.64E-08	5.17E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	5.12E-07	1.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	1.41E-08	2.76E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	6.95E-07	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-09	1.91E-08	3.75E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	5.54E-07	1.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	1.52E-08	2.99E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	8.66E-07	2.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	2.38E-08	4.67E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.87E-07	5.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-10	5.14E-09	1.01E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.42E-07	2.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	1.76E-08	3.46E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.01E-07	1.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-09	1.38E-08	2.70E-10	0.00E+00
84	1577	291	7440382	Arsenic	7.71E-07	2.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	2.12E-08	4.16E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.91E-07	9.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-10	8.00E-09	1.57E-10	0.00E+00
86	2600	1290	7440382	Arsenic	2.07E-07	6.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-10	5.69E-09	1.12E-10	0.00E+00
87	900	935	7440382	Arsenic	1.10E-06	3.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-09	3.02E-08	5.94E-10	0.00E+00
88	1375	1395	7440382	Arsenic	4.72E-07	1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	1.30E-08	2.55E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.41E-06	5.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.34E-06	5.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	1.14E-06	4.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-09	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	8.89E-07	3.53E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	6.62E-07	2.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	8.15E-07	3.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-09	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	1.05E-06	4.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	3.72E-06	1.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	6.87E-06	2.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.92E-06	1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	3.06E-06	1.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.45E-06	9.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-09	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	2.14E-06	8.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-09	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.78E-06	7.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.67E-06	6.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-09	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.51E-06	5.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-09	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.36E-06	5.39E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-09	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.26E-06	5.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-09	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	8.94E-07	3.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	9.15E-07	3.63E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-09	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	1.07E-06	4.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-09	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	2.06E-06	8.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-09	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	6.50E-06	2.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	1.16E-05	4.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-08	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.68E-05	6.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	2.33E-05	9.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-08	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	3.36E-05	1.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	3.54E-05	1.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.80E-05	1.51E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.53E-05	1.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	2.20E-06	8.72E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-09	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	2.02E-06	8.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-09	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.42E-06	5.63E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-09	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	1.73E-06	6.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-09	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	6.16E-06	2.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	1.09E-06	4.32E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-09	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	9.46E-07	3.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-09	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	3.45E-06	1.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	3.77E-05	1.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	8.85E-06	3.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.08E-07	8.25E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-10	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.52E-07	6.03E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-10	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.55E-07	1.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	2.70E-07	1.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	5.57E-07	2.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	7.28E-07	2.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-09	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	8.52E-07	3.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	6.53E-07	2.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	5.28E-07	2.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.41E-07	1.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.50E-07	1.39E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	2.60E-07	1.03E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	1.65E-06	6.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-09	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	3.16E-07	1.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	6.68E-07	2.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	9.11E-06	3.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	1.31E-06	5.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-09	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	1.27E-06	5.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-09	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	3.10E-06	1.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.35E-05	9.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-08	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	2.26E-06	8.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.95E-06	7.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-09	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	5.21E-07	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.19E-07	1.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.90E-07	7.53E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.53E-10	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	9.83E-07	3.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.43E-07	9.64E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-10	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.91E-06	1.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	7.81E-07	3.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-09	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.89E-06	7.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-09	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	6.61E-07	2.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	9.11E-07	3.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-09	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.39E-05	5.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.33E-05	5.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-08	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.74E-06	6.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.90E-09	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.24E-06	4.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	6.94E-07	2.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	9.18E-07	3.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	7.36E-07	2.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-09	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	1.01E-06	4.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.28E-07	9.04E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-10	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	6.47E-07	2.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	4.40E-07	1.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	5.57E-07	2.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.07E-07	1.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.61E-07	1.03E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	1.07E-06	4.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-09	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	6.24E-07	2.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	3.88E-08	5.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-09	3.55E-10	2.33E-12	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	2.83E-07	4.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-08	2.59E-09	1.70E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.08E-06	1.56E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-07	9.89E-09	6.47E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.03E-06	1.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	9.43E-09	6.18E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	5.65E-07	8.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	5.17E-09	3.39E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	5.43E-07	7.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.32E-08	4.97E-09	3.26E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	4.22E-07	6.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-08	3.87E-09	2.53E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	9.99E-07	1.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	9.15E-09	5.99E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	3.48E-06	5.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-07	3.19E-08	2.09E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.68E-06	3.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-07	2.45E-08	1.61E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.04E-06	2.94E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-07	1.87E-08	1.22E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.04E-06	2.94E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-07	1.87E-08	1.22E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	2.97E-06	4.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-07	2.72E-08	1.78E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	6.36E-06	9.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-07	5.83E-08	3.81E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	4.81E-06	6.93E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	4.41E-08	2.88E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	4.41E-06	6.35E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-07	4.04E-08	2.64E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	4.80E-06	6.91E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-07	4.40E-08	2.88E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	4.93E-06	7.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.65E-07	4.52E-08	2.96E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	1.29E-05	1.86E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	1.18E-07	7.73E-10	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	7.96E-06	1.15E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	7.29E-08	4.77E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.05E-05	1.51E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	9.62E-08	6.29E-10	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.02E-05	1.47E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-06	9.34E-08	6.12E-10	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	2.98E-05	4.29E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-06	2.73E-07	1.79E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.93E-05	2.78E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-06	1.77E-07	1.16E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	2.13E-05	3.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-06	1.95E-07	1.28E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.54E-05	3.66E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-06	2.33E-07	1.52E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	3.06E-05	4.41E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	2.80E-07	1.83E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-1.06E-06	-1.53E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-07	-9.71E-09	-6.35E-11	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	1.42E-05	2.05E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	1.30E-07	8.51E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	4.74E-06	6.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-07	4.34E-08	2.84E-10	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	2.44E-06	3.51E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-07	2.23E-08	1.46E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-2.46E-06	-3.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-07	-2.25E-08	-1.47E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	1.30E-06	1.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-07	1.19E-08	7.79E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	3.42E-07	4.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-08	3.13E-09	2.05E-11	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	2.36E-06	3.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-07	2.16E-08	1.41E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	9.89E-06	1.42E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-06	9.06E-08	5.93E-10	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	1.35E-05	1.94E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-06	1.24E-07	8.09E-10	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.06E-05	1.53E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-06	9.71E-08	6.35E-10	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	1.65E-05	2.38E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-06	1.51E-07	9.89E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.87E-06	-4.13E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-07	-2.63E-08	-1.72E-10	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.43E-07	2.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	1.31E-09	8.57E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.04E-07	1.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	9.53E-10	6.24E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.54E-07	2.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	1.41E-09	9.23E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.10E-07	3.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	1.92E-09	1.26E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	3.17E-07	4.57E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-08	2.90E-09	1.90E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.42E-07	6.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-08	4.05E-09	2.65E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	4.96E-07	7.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-08	4.54E-09	2.97E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	4.21E-07	6.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-08	3.86E-09	2.52E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	4.32E-07	6.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-08	3.96E-09	2.59E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.93E-07	2.78E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	1.77E-09	1.16E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.11E-07	3.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-08	1.93E-09	1.27E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.85E-07	2.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	1.69E-09	1.11E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	3.52E-07	5.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-08	3.22E-09	2.11E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.35E-07	3.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-08	2.15E-09	1.41E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.46E-07	6.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-08	4.08E-09	2.67E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.11E-05	1.60E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	1.02E-07	6.65E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	5.63E-06	8.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.59E-07	5.16E-08	3.38E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	3.14E-06	4.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-07	2.88E-08	1.88E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-2.74E-06	-3.95E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-07	-2.51E-08	-1.64E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	3.62E-06	5.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-07	3.32E-08	2.17E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	1.50E-05	2.16E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-06	1.37E-07	8.99E-10	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	6.62E-06	9.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-07	6.06E-08	3.97E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.21E-06	1.74E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	1.11E-08	7.25E-11	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	1.23E-06	1.77E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	1.13E-08	7.37E-11	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	3.73E-07	5.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-08	3.42E-09	2.24E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	8.06E-07	1.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	7.38E-09	4.83E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	6.27E-07	9.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.45E-08	5.74E-09	3.76E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	7.55E-06	1.09E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	6.91E-08	4.53E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	1.98E-05	2.85E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-06	1.81E-07	1.19E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	2.07E-05	2.98E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-06	1.90E-07	1.24E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	1.88E-05	2.71E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-06	1.72E-07	1.13E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	4.30E-06	6.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-07	3.94E-08	2.58E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	5.15E-06	7.42E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-07	4.72E-08	3.09E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	6.32E-06	9.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-07	5.79E-08	3.79E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	7.97E-06	1.15E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	7.30E-08	4.78E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	2.34E-06	3.37E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-07	2.14E-08	1.40E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.08E-06	1.56E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-07	9.89E-09	6.47E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.59E-06	2.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	1.46E-08	9.53E-11	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.25E-06	1.80E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	1.14E-08	7.49E-11	0.00E+00
256	2667	-1400	18540299	Cr(VI)	2.68E-06	3.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-07	2.45E-08	1.61E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	5.09E-07	7.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-08	4.66E-09	3.05E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	2.52E-06	3.63E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	2.31E-08	1.51E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	2.27E-06	3.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	2.08E-08	1.36E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	4.04E-06	5.82E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-07	3.70E-08	2.42E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.02E-06	1.47E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	9.34E-09	6.12E-11	0.00E+00
262	2600	1290	18540299	Cr(VI)	5.30E-07	7.63E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-08	4.85E-09	3.18E-11	0.00E+00
263	900	935	18540299	Cr(VI)	3.57E-06	5.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-07	3.27E-08	2.14E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.02E-06	1.47E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	9.34E-09	6.12E-11	0.00E+00
265	-1710.89	-383.91	7439921	Lead	2.50E-05	4.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-10	3.89E-09	3.82E-11	1.04E-10
266	-1778.03	-291.29	7439921	Lead	2.39E-05	4.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-10	3.72E-09	3.65E-11	9.93E-11
267	-1732.28	175.05	7439921	Lead	2.10E-05	3.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	3.27E-09	3.21E-11	8.72E-11
268	-1579.43	347.93	7439921	Lead	1.66E-05	2.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	2.58E-09	2.54E-11	6.90E-11
269	-1525.43	516.64	7439921	Lead	1.23E-05	2.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	1.92E-09	1.88E-11	5.11E-11
270	-1332.88	500.04	7439921	Lead	1.54E-05	2.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-10	2.40E-09	2.35E-11	6.40E-11
271	-1140.45	476.3	7439921	Lead	2.04E-05	3.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-10	3.18E-09	3.12E-11	8.47E-11
272	-672.12	353.55	7439921	Lead	6.80E-05	1.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-10	1.06E-08	1.04E-10	2.82E-10
273	-169.37	170.38	7439921	Lead	1.26E-04	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	1.96E-08	1.93E-10	5.23E-10
274	-75.04	299.11	7439921	Lead	9.06E-05	1.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	1.41E-08	1.39E-10	3.76E-10
275	49.15	527.2	7439921	Lead	5.68E-05	9.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-10	8.84E-09	8.68E-11	2.36E-10
276	144.22	648.15	7439921	Lead	4.59E-05	7.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-10	7.15E-09	7.02E-11	1.91E-10
277	394.15	623.31	7439921	Lead	4.17E-05	7.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-10	6.49E-09	6.37E-11	1.73E-10
278	501.62	717.12	7439921	Lead	3.85E-05	6.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-10	5.99E-09	5.89E-11	1.60E-10
279	618.47	665.12	7439921	Lead	3.49E-05	6.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-10	5.43E-09	5.34E-11	1.45E-10
280	755.45	579.13	7439921	Lead	3.17E-05	5.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-10	4.94E-09	4.85E-11	1.32E-10
281	867.79	485.41	7439921	Lead	2.95E-05	5.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-10	4.59E-09	4.51E-11	1.23E-10
282	955.03	377.6	7439921	Lead	0.0000279	4.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-10	4.34E-09	4.27E-11	1.16E-10
283	1331.68	-165.58	7439921	Lead	0.0000291	5.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-10	4.53E-09	4.45E-11	1.21E-10
284	1406.74	-290.13	7439921	Lead	0.0000255	4.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-10	3.97E-09	3.90E-11	1.06E-10
285	1456.2	-436.06	7439921	Lead	0.0000315	5.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	4.90E-09	4.82E-11	1.31E-10
286	1209.21	-528.32	7439921	Lead	0.0000509	8.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-10	7.93E-09	7.78E-11	2.11E-10
287	913.01	-694.67	7439921	Lead	0.000147	2.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-09	2.29E-08	2.25E-10	6.11E-10
288	717.24	-664.22	7439921	Lead	0.000227	3.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-09	3.53E-08	3.47E-10	9.43E-10
289	544.23	-594.35	7439921	Lead	0.00032	5.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-09	4.98E-08	4.89E-10	1.33E-09
290	338.12	-539.73	7439921	Lead	0.000438	7.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-09	6.82E-08	6.70E-10	1.82E-09
291	123.44	-529.45	7439921	Lead	0.000624	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-09	9.72E-08	9.54E-10	2.59E-09
292	-353.26	-515.05	7439921	Lead	0.000624	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-09	9.72E-08	9.54E-10	2.59E-09
293	-537.68	-487.8	7439921	Lead	0.000685	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.61E-09	1.07E-07	1.05E-09	2.85E-09
294	-775.51	-486.07	7439921	Lead	0.000629	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-09	9.79E-08	9.62E-10	2.61E-09
295	-1414.44	-481.5	7439921	Lead	0.0000414	7.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-10	6.45E-09	6.33E-11	1.72E-10
296	-1515.21	-320.18	7439921	Lead	3.32E-05	5.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-10	5.17E-09	5.08E-11	1.38E-10
297	-1749.69	-63.9	7439921	Lead	2.59E-05	4.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-10	4.03E-09	3.96E-11	1.08E-10
298	-920.57	426.17	7439921	Lead	3.23E-05	5.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-10	5.03E-09	4.94E-11	1.34E-10
299	-420.73	233.87	7439921	Lead	1.13E-04	1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	1.76E-08	1.73E-10	4.69E-10
300	1090.12	214.1	7439921	Lead	2.92E-05	5.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	4.55E-09	4.46E-11	1.21E-10
301	1183.39	65.17	7439921	Lead	3.02E-05	5.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-10	4.70E-09	4.62E-11	1.25E-10
302	1055.3	-577.42	7439921	Lead	7.56E-05	1.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-10	1.18E-08	1.16E-10	3.14E-10
303	-103.02	-518.78	7439921	Lead	6.81E-04	1.17E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-09	1.06E-07	1.04E-09	2.83E-09
304	-1076.39	-488.67	7439921	Lead	0.000154	2.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	2.40E-08	2.35E-10	6.40E-10
305	-4113.79	-1330.97	7439921	Lead	0.00000385	6.64E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-11	5.99E-10	5.89E-12	1.60E-11
306	-5050.04	-958.41	7439921	Lead	0.0000028	4.83E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-11	4.36E-10	4.28E-12	1.16E-11
307	-4023.97	-112.26	7439921	Lead	4.69E-06	8.09E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-11	7.30E-10	7.17E-12	1.95E-11
308	-2122.34	995.23	7439921	Lead	5.04E-06	8.69E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-11	7.85E-10	7.71E-12	2.09E-11
309	-2734.69	227.4	7439921	Lead	1.02E-05	1.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	1.59E-09	1.56E-11	4.24E-11
310	-2371.11	-69.21	7439921	Lead	1.34E-05	2.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-10	2.09E-09	2.05E-11	5.57E-11
311	-2146.26	177.17	7439921	Lead	1.56E-05	2.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	2.43E-09	2.38E-11	6.48E-11
312	-1919.02	445.07	7439921	Lead	1.21E-05	2.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	1.88E-09	1.85E-11	5.03E-11
313	-1651.12	607.72	7439921	Lead	9.84E-06	1.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	1.53E-09	1.50E-11	4.09E-11
314	-3361.39	677.09	7439921	Lead	6.26E-06	1.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-11	9.75E-10	9.57E-12	2.60E-11
315	-3026.51	724.93	7439921	Lead	6.44E-06	1.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-11	1.00E-09	9.85E-12	2.68E-11

Proposed Project RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-06	8.38E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.40E-11	7.57E-10	7.43E-12	2.02E-11
317	-922.86	446.42	7439921	Lead	3.08E-05	5.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-10	4.80E-09	4.71E-11	1.28E-10
318	-1799.42	1088.51	7439921	Lead	5.88E-06	1.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-11	9.16E-10	8.99E-12	2.44E-11
319	-359.36	1846.44	7439921	Lead	1.25E-05	2.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-10	1.95E-09	1.91E-11	5.19E-11
320	671.3	-742.78	7439921	Lead	1.74E-04	3.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-09	2.71E-08	2.66E-10	7.23E-10
321	-1565.55	-932.22	7439921	Lead	2.87E-05	4.95E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	4.47E-09	4.39E-11	1.19E-10
322	-1733.02	-528.24	7439921	Lead	2.56E-05	4.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	3.99E-09	3.91E-11	1.06E-10
323	-1261.46	-507.67	7439921	Lead	5.22E-05	9.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-10	8.13E-09	7.98E-11	2.17E-10
324	-883.92	-503.26	7439921	Lead	0.000418	7.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-09	6.51E-08	6.39E-10	1.74E-09
325	1599.35	-1104.97	7439921	Lead	0.0000556	9.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-10	8.66E-09	8.50E-11	2.31E-10
326	1608.16	-1382.63	7439921	Lead	4.18E-05	7.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-10	6.51E-09	6.39E-11	1.74E-10
327	3517.15	-1425.27	7439921	Lead	1.08E-05	1.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-10	1.68E-09	1.65E-11	4.49E-11
328	2959.77	-846.37	7439921	Lead	9.09E-06	1.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-10	1.42E-09	1.39E-11	3.78E-11
329	3479.67	224.81	7439921	Lead	0.00000382	6.59E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-11	5.95E-10	5.84E-12	1.59E-11
330	44.43	1469.76	7439921	Lead	0.0000185	3.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-10	2.88E-09	2.83E-11	7.68E-11
331	3044.83	-34	7439921	Lead	5.08E-06	8.76E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-11	7.91E-10	7.77E-12	2.11E-11
332	1088	-938	7439921	Lead	7.81E-05	1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.67E-10	1.22E-08	1.19E-10	3.24E-10
333	1647	-390	7439921	Lead	3.42E-05	5.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-10	5.32E-09	5.23E-11	1.42E-10
334	1650	-890	7439921	Lead	5.50E-05	9.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-10	8.56E-09	8.41E-11	2.28E-10
335	1430	215	7439921	Lead	3.03E-05	5.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-10	4.72E-09	4.63E-11	1.26E-10
336	1142	615	7439921	Lead	0.0000209	3.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	3.25E-09	3.20E-11	8.68E-11
337	-333	-788	7439921	Lead	0.000252	4.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	3.92E-08	3.85E-10	1.05E-09
338	-42	-825	7439921	Lead	0.000242	4.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-09	3.77E-08	3.70E-10	1.01E-09
339	1900	-1175	7439921	Lead	0.0000394	6.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-10	6.13E-09	6.02E-11	1.64E-10
340	1815	-1910	7439921	Lead	0.0000246	4.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-10	3.83E-09	3.76E-11	1.02E-10
341	2575	-2650	7439921	Lead	0.0000136	2.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-10	2.12E-09	2.08E-11	5.65E-11
342	2665	-2025	7439921	Lead	0.0000182	3.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-10	2.83E-09	2.78E-11	7.56E-11
343	3480	-2025	7439921	Lead	0.0000146	2.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-10	2.27E-09	2.23E-11	6.06E-11
344	2667	-1400	7439921	Lead	0.000021	3.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	3.27E-09	3.21E-11	8.72E-11
345	3400	-250	7439921	Lead	0.0000047	8.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-11	7.32E-10	7.19E-12	1.95E-11
346	2577	-940	7439921	Lead	0.0000146	2.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-10	2.27E-09	2.23E-11	6.06E-11
347	2404	-475	7439921	Lead	0.0000105	1.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	1.63E-09	1.61E-11	4.36E-11
348	1577	291	7439921	Lead	0.0000142	2.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	2.21E-09	2.17E-11	5.90E-11
349	2400	240	7439921	Lead	0.00000661	1.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-11	1.03E-09	1.01E-11	2.75E-11
350	2600	1290	7439921	Lead	0.00000527	9.09E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-11	8.21E-10	8.06E-12	2.19E-11
351	900	935	7439921	Lead	0.0000236	4.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-10	3.67E-09	3.61E-11	9.80E-11
352	1375	1395	7439921	Lead	0.0000123	2.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	1.92E-09	1.88E-11	5.11E-11
353	-1710.89	-383.91	7440020	Nickel	-0.00000156	-3.75E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-10	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	0.00000206	4.96E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-10	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000146	3.51E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000149	3.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000702	1.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00000552	1.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	0.000000582	1.40E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	0.00000124	2.98E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-10	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000276	6.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000226	5.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000188	4.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000205	4.93E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000317	7.63E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.0000809	1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000598	1.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000055	1.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000612	1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000637	1.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000178	4.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000106	2.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000139	3.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000129	3.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000392	9.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.43E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000232	5.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000246	5.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000288	6.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000338	8.13E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.13E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000114	-2.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000935	2.25E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.0000302	-7.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.26E-09	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000299	7.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0000355	-8.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.54E-09	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000188	4.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000292	-7.02E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.02E-10	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.0000135	3.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000137	3.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	1.87E-04	4.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000131	3.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000129	3.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.0000606	-1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000138	3.32E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000101	2.43E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000141	3.39E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000212	5.10E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000283	6.81E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.81E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000419	1.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000459	1.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000395	9.50E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000507	1.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000169	4.07E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.0000019	4.57E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000183	4.40E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000235	-5.65E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.65E-10	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000245	5.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.89E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000406	9.77E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.77E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000128	3.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.0000753	1.81E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000407	9.79E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.79E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.0000435	-1.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.0000118	-2.84E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-09	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000201	4.84E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.0000854	2.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000147	3.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000152	3.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000444	1.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.000008	1.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000077	1.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.0000919	2.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000272	6.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.00028	6.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000259	6.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000561	1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000339	8.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000522	1.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000105	2.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000285	6.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000127	3.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000191	4.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000148	3.56E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000337	8.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.11E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000612	1.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000321	7.72E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000296	7.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000539	1.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000129	3.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000645	1.55E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000415	9.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000118	2.84E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0376	1.09E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0355	1.03E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0449	1.31E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0477	1.39E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.022	6.40E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0209	6.08E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00929	2.70E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	0.016	4.65E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0749	2.18E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0511	1.49E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.0281	8.17E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.0207	6.02E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.00669	-1.95E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	0.00309	8.99E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-07	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	0.00701	2.04E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	0.0117	3.40E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.0145	4.22E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0166	4.83E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0369	1.07E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0227	6.60E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0169	4.91E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0262	7.62E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0555	1.61E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.106	3.08E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.151	4.39E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.226	6.57E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.381	1.11E-04	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-04	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.313	9.10E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.3	8.72E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.26	7.56E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0407	1.18E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0727	2.11E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0658	1.91E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.00157	4.57E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-07	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.0478	1.39E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0244	7.10E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.039	1.13E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.037	1.08E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-05	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.408	1.19E-04	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0838	2.44E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.00191	5.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.00145	4.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.0025	7.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00338	9.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00531	1.54E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00823	2.39E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00967	2.81E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00813	2.36E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0139	4.04E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.00293	8.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00312	9.07E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00378	1.10E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.00256	7.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-07	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00481	1.40E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00637	1.85E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0919	2.67E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0177	5.15E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0246	7.15E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0412	1.20E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.186	5.41E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0211	6.14E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0198	5.76E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.006	1.74E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00534	1.55E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.00179	5.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00909	2.64E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.00226	6.57E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0412	1.20E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.0102	2.97E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.0156	4.54E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	0.00468	1.36E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0117	3.40E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.135	3.93E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.139	4.04E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0173	5.03E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.0139	4.04E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00776	2.26E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00996	2.90E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00749	2.18E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.0105	3.05E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.00216	6.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.0082	2.38E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00541	1.57E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00609	1.77E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00289	8.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00285	8.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00947	2.75E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00638	1.86E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.000643	1.02E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000606	9.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.61E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.000782	1.24E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.000868	1.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.000712	1.13E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00207	3.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00255	4.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00177	2.81E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00259	4.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00172	2.73E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00106	1.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.000826	1.31E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000542	8.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.60E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000984	1.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000353	5.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000509	8.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.000564	8.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.95E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.000671	1.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00142	2.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00226	3.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00381	6.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.00802	1.27E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00298	4.73E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00332	5.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.0035	5.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.0037	5.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00447	7.09E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00151	2.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00115	1.82E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000463	7.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.00038	6.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.000985	1.56E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.000786	1.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00174	2.76E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00204	3.24E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000209	3.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.000675	1.07E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.00627	9.94E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.94E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00228	3.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000378	6.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.0000503	7.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.98E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000317	5.03E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000472	7.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000101	1.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000112	1.78E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000164	2.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000235	3.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000276	4.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000358	5.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.0000678	1.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.0000796	1.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000187	2.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.0017	2.70E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000173	2.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000339	5.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00314	4.98E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000376	5.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000158	2.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000582	9.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.000826	1.31E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.0015	2.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00115	1.82E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.000582	9.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.000596	9.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.45E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000113	1.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000427	6.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.77E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000168	2.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.0027	4.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00065	1.03E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00154	2.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000213	-3.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.38E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000421	6.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.0016	2.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00193	3.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00146	2.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.000814	1.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.000479	7.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.60E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00068	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.000568	9.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.000936	1.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000181	2.87E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.000952	1.51E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.000547	8.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.68E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000425	6.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000192	3.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000164	2.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000401	6.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000329	5.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00377	9.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00368	9.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.73E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00393	1.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00384	1.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00298	7.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.00659	1.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.00808	2.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00966	2.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0191	5.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0131	3.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.008	2.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00625	1.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00461	1.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	0.00243	6.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.00315	8.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.33E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00341	9.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00329	8.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00337	8.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.91E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00454	1.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.00687	1.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0108	2.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0232	6.13E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0155	4.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0263	6.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0344	9.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.09E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0455	1.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0722	1.91E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	1.91E-03	5.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	8.12E-04	2.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-1.27E-03	-3.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.36E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.74E-04	-7.24E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-10	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.91E-03	5.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.09E-03	5.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	4.08E-03	1.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	4.89E-03	1.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.000508	-1.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	9.73E-04	2.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	1.50E-02	3.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	4.20E-03	1.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00099	-2.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	1.14E-04	3.01E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000071	1.88E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000106	2.80E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000235	6.21E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000257	6.79E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.79E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.00037	9.78E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.78E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.000556	1.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.000666	1.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.000892	2.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000157	4.15E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000185	4.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	4.47E-04	1.18E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.004	1.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	4.14E-04	1.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00079	2.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.00724	1.91E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000542	1.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000246	-6.50E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-10	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000204	5.39E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.00037	9.78E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.78E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00296	7.82E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.82E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00238	6.29E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.0014	3.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00143	3.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00026	6.87E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.87E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.000973	2.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000379	1.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.00636	1.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000336	8.88E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.0024	6.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00179	-4.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00075	1.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.0035	9.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.25E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00446	1.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00331	8.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.75E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.0019	5.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00113	2.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00161	4.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00136	3.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00222	5.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000418	1.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00227	6.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00124	3.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.000796	2.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000415	1.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000382	1.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.000788	2.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.000763	2.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00202	-5.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.34E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.000605	-1.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.00224	5.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00249	6.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.000933	2.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00156	4.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.000553	1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00111	-2.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00435	1.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	0.00228	6.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	0.0000715	1.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00113	-2.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.00512	-1.35E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0107	-2.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.00673	-1.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.00458	-1.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.00433	-1.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.00374	-9.89E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.89E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.00602	-1.59E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.00421	-1.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.00672	-1.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00152	-4.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0249	-6.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0169	-4.47E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.47E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0172	-4.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.55E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0146	-3.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.86E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	0.00132	3.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0224	-5.92E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.92E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0252	-6.66E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.66E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0302	-7.98E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.98E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0154	-4.07E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.00645	-1.71E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00206	5.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.25E-03	-5.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.95E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-1.49E-03	-3.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-1.30E-02	-3.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-8.74E-03	-2.31E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-4.92E-03	-1.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-1.74E-02	-4.60E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.60E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-2.44E-02	-6.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-1.19E-04	-3.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-8.57E-05	-2.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-1.26E-04	-3.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-1.60E-04	-4.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-2.21E-04	-5.84E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.84E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-4.18E-04	-1.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-2.53E-04	-6.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-1.48E-04	-3.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	1.70E-04	4.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-1.12E-04	-2.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-1.24E-04	-3.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-1.42E-04	-3.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.05E-03	-5.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-1.31E-04	-3.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-5.34E-04	-1.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-5.74E-03	-1.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-4.86E-03	-1.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-8.09E-03	-2.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-1.56E-02	-4.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-2.09E-02	-5.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-9.12E-03	-2.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-5.53E-03	-1.46E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-3.64E-04	-9.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.62E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-4.61E-04	-1.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-2.14E-04	-5.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-9.42E-04	-2.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-4.09E-04	-1.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-3.55E-03	-9.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.38E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-1.61E-02	-4.26E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-1.76E-02	-4.65E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.65E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-1.61E-02	-4.26E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-3.61E-03	-9.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.54E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-5.25E-03	-1.39E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-3.27E-03	-8.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-3.61E-03	-9.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.54E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-1.27E-03	-3.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.36E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-5.32E-04	-1.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-7.25E-04	-1.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-4.72E-04	-1.25E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-9.57E-04	-2.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-3.16E-04	-8.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.35E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-8.91E-04	-2.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-1.29E-03	-3.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-3.16E-03	-8.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.35E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-7.26E-04	-1.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-2.59E-04	-6.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-2.50E-03	-6.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.61E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-5.52E-04	-1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-8.29E-04	-1.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-3.92E-04	-9.02E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.02E-10	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	4.44E-04	1.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	5.15E-04	1.18E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	9.34E-05	2.15E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	5.71E-06	1.31E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-4.05E-04	-9.31E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.31E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-8.99E-04	-2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	2.91E-04	6.69E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.25E-05	-2.87E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-11	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-4.06E-04	-9.34E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.34E-10	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-6.76E-04	-1.55E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00179	-4.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00335	-7.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.70E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.0022	-5.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00158	-3.63E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.0015	-3.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00134	-3.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00215	-4.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.94E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00177	-4.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00284	-6.53E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00217	-4.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.00848	-1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.00652	-1.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.00696	-1.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.00666	-1.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.00299	-6.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.88E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.00718	-1.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.00794	-1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0093	-2.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0047	-1.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00213	-4.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.000458	1.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00102	-2.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.000872	-2.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00395	-9.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.08E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00276	-6.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.35E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00272	-6.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.00585	-1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.00742	-1.71E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.0000463	-1.06E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000326	-7.50E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.50E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.0000482	-1.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.0000688	-1.58E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.0000907	-2.09E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000161	-3.70E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000126	-2.90E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000101	-2.32E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000213	-4.90E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-11	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.0000484	-1.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.0000542	-1.25E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.0000802	-1.84E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-9.54E-04	-2.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-7.45E-05	-1.71E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-2.29E-04	-5.27E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.27E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-2.38E-03	-5.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00154	-3.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00246	-5.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.00481	-1.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.00651	-1.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00304	-6.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.99E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-1.89E-03	-4.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.35E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-2.25E-04	-5.17E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000257	-5.91E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.0000871	-2.00E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000371	-8.53E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.53E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000156	-3.59E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.59E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00161	-3.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.00495	-1.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0056	-1.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0048	-1.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00117	-2.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00195	-4.48E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00142	-3.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.27E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00138	-3.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.000545	-1.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000256	-5.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.89E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000355	-8.16E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.16E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000256	-5.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.89E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-4.74E-04	-1.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-1.31E-04	-3.01E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.000456	-1.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.000495	-1.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00103	-2.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-2.57E-04	-5.91E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-1.11E-04	-2.55E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-8.32E-04	-1.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000232	-5.34E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.34E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00901	5.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00867	4.81E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00945	5.25E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00947	5.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00748	4.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0178	9.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.88E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0219	1.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0232	1.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0433	2.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0297	1.65E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0182	1.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0142	7.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.0106	5.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	0.00552	3.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00733	4.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00811	4.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00798	4.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00837	4.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.26E-02	6.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.99E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0191	1.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0306	1.70E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.0645	3.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.86E-02	2.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0601	3.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	7.64E-02	4.24E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	9.85E-02	5.47E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.152	8.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.44E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.00848	4.71E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00562	3.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000151	8.38E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.38E-10	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00114	6.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00642	3.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00587	3.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0123	6.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0145	8.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.05E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000153	8.49E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00395	2.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0446	2.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0146	8.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000184	1.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.00035	1.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000219	1.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000326	1.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	7.09E-04	3.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.000783	4.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00114	6.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00166	9.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00197	1.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00259	1.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	4.76E-04	2.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.000559	3.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00133	7.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.012	6.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00123	6.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00239	1.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.022	1.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.0022	1.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000299	1.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00257	1.4267E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4267E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00375	2.0817E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0817E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.00982	5.4513E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4513E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.00768	4.2633E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2633E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00415	2.3038E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3038E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00424	2.3537E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3537E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.000789	4.3799E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3799E-09	0	0	0

Proposed Project RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00297	1.6487E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6487E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00116	6.4394E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4394E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0191	1.0603E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0603E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00301	1.6709E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6709E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.00926	5.1404E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1404E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.0032	-1.7764E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7764E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00265	1.4711E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4711E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0109	6.0508E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0508E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0135	7.4942E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4942E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0101	5.6067E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6067E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.00572	3.1753E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1753E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00339	1.8819E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8819E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.00482	2.6757E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6757E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00403	2.2371E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2371E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.00663	3.6805E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6805E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00127	7.0501E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0501E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.00676	3.7526E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7526E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.0038	2.1095E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1095E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00273	1.5155E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5155E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00131	7.2721E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2721E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00115	6.3839E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3839E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00263	1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00231	1.2823E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2823E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.000374	3.4603E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4603E-10	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.00036	3.3307E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3307E-10	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.000301	2.7849E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7849E-10	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.000231	2.1372E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1372E-10	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.000169	1.5636E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5636E-10	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.000201	1.8597E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8597E-10	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.000262	2.424E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.424E-10	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.000843	7.7995E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7995E-10	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.00197	1.8227E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8227E-09	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.0014	1.2953E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2953E-09	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.000865	8.003E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.003E-10	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.000689	6.3747E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3747E-10	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000591	5.468E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.468E-10	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.000488	4.515E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.515E-10	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.000453	4.1912E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1912E-10	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.000408	3.7748E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7748E-10	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.000361	3.34E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.000324	2.9977E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9977E-10	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.000226	2.091E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.091E-10	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.000232	2.1465E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1465E-10	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.000273	2.5258E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5258E-10	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.000518	4.7926E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7926E-10	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.00175	1.6191E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6191E-09	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.00324	2.9977E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9977E-09	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.00456	4.2189E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2189E-09	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.0063	5.8288E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8288E-09	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.01	9.252E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.252E-09	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0103	9.5296E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5296E-09	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.0104	9.6221E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6221E-09	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.0089	8.2343E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2343E-09	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.00056	5.1811E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1811E-10	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000537	4.9683E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9683E-10	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.000382	3.5343E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5343E-10	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.000427	3.9506E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9506E-10	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.00157	1.4526E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4526E-09	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000269	2.4888E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4888E-10	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.000241	2.2297E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2297E-10	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.00085	7.8642E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8642E-10	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0113	1.0455E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0455E-08	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.0024	2.2205E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2205E-09	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.0000522	4.8296E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8296E-11	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00004	3.7008E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7008E-11	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.0000703	6.5042E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5042E-11	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.0000703	6.5042E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5042E-11	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.000149	1.3786E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3786E-10	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0002	1.8504E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8504E-10	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.000227	2.1002E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1002E-10	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000173	1.6006E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6006E-10	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.000136	1.2583E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2583E-10	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00009	8.3268E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3268E-11	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.0000928	8.5859E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5859E-11	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.0000661	6.1156E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1156E-11	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.000409	3.7841E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7841E-10	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.0000758	7.0131E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0131E-11	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.000184	1.7024E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7024E-10	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.00254	2.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-09	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.000335	3.0994E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0994E-10	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.000326	3.0162E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0162E-10	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.000783	7.2444E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2444E-10	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.00613	5.6715E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6715E-09	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.000621	5.7455E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7455E-10	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.000538	4.9776E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9776E-10	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.000142	1.3138E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3138E-10	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.000109	1.0085E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0085E-10	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.0000467	4.3207E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3207E-11	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.000275	2.5443E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5443E-10	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.0000606	5.6067E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6067E-11	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.00108	9.9922E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9922E-10	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.0002	1.8504E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8504E-10	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.000509	4.7093E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7093E-10	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000171	1.5821E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5821E-10	0	0	0
1040	1142	615	75092	Methylene Chlor	0.000243	2.2482E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2482E-10	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.00404	3.7378E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7378E-09	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.00388	3.5898E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5898E-09	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.000479	4.4317E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4317E-10	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.00034	3.1457E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1457E-10	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000189	1.7486E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7486E-10	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.000252	2.3315E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3315E-10	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.000203	1.8782E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8782E-10	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.000278	2.5721E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5721E-10	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.0000569	5.2644E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2644E-11	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.000174	1.6099E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6099E-10	0	0	0

Proposed Project RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.000112	1.0362E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0362E-10	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000145	1.3415E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3415E-10	0	0	0
1053	2400	240	75092	Methylene Chlor	0.0000775	7.1703E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1703E-11	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.0000689	6.3747E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3747E-11	0	0	0
1055	900	935	75092	Methylene Chlor	0.000293	2.7108E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7108E-10	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000169	1.5636E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5636E-10	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.0000497	-1.5765E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5765E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.0000563	1.7859E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7859E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000333	1.0563E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0563E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.00038	1.2054E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2054E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000225	7.1373E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1373E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.000599	1.9001E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9001E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.000625	1.9826E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9826E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000239	7.5814E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5814E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.000742	2.3537E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3537E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000435	1.3799E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3799E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.00016	5.0754E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0754E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	0.0000297	9.4212E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4212E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000345	-1.0944E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0944E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.000886	-2.8105E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8105E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.000503	-1.5956E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5956E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000289	-9.1675E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1675E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.00025	-7.9303E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.9303E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000173	-5.4878E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4878E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000167	-5.2975E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2975E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.00018	5.7098E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7098E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000346	1.0976E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0976E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00175	5.5512E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5512E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00146	-4.6313E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6313E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.000908	-2.8803E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8803E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00103	-3.2673E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2673E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.000974	-3.0897E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0897E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	0.0000454	1.4401E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4401E-09	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00147	-4.663E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.663E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00177	-5.6147E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6147E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00234	-7.4228E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.4228E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00114	-3.6162E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6162E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000278	-8.8185E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.8185E-09	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000352	1.1166E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1166E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000238	7.5497E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5497E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000367	1.1642E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1642E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.000989	-3.1372E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1372E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.000535	-1.6971E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6971E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00112	3.5528E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5528E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.000885	-2.8073E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8073E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00186	-5.9002E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9002E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000246	7.8034E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8034E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000657	2.0841E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0841E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.00000102	3.2356E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2356E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000113	3.5845E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5845E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.00000881	2.7946E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7946E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000055	1.7447E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7447E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000356	1.1293E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1293E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000541	1.7161E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7161E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000994	3.1531E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1531E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000703	2.23E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000894	2.8359E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8359E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000335	1.0627E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0627E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000244	7.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.74E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000309	9.8019E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8019E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000386	1.2244E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2244E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000289	9.1675E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1675E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000298	-9.4529E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.4529E-09	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.000608	-1.9287E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9287E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00111	-3.5211E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5211E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00149	-4.7265E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7265E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000368	-1.1673E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1673E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000166	-5.2657E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2657E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000111	3.5211E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5211E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000107	3.3942E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3942E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.00000995	3.1563E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1563E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000268	8.5013E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5013E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000766	2.4299E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4299E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000365	1.1578E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1578E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00113	-3.5845E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5845E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00104	-3.299E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.299E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00134	-4.2507E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2507E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000187	-5.9319E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9319E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.0000495	-1.5702E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5702E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000187	5.9319E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9319E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000634	2.0111E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0111E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.0000938	2.9755E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9755E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.0000723	2.2935E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2935E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000105	3.3307E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3307E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.0000985	3.1245E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1245E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000148	4.6948E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6948E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000181	5.7416E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7416E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000158	5.012E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.012E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000289	9.1675E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1675E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.00015	-4.7582E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7582E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000118	-3.7431E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7431E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000187	5.9319E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9319E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000103	-3.2673E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2673E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000346	1.0976E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0976E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.0023	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00378	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0109	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0118	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00515	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.00434	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.000405	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00202	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.01	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00815	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00665	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 1:19:43 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00733	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00859	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0314	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0228	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0216	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0253	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0274	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.0817	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0478	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0607	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0557	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.167	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0936	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.097	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.114	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.137	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.0724	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0181	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.0331	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0167	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.00829	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0154	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00312	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00289	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.0646	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.0864	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0559	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0407	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0238	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000542	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000386	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000524	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000911	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00106	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00179	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00198	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00173	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.0033	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000581	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000667	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000927	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.00264	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00124	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00156	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0523	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0338	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0188	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0138	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0148	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.0872	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0368	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00633	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.00656	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00176	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00299	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00312	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0393	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.119	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.121	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.114	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0236	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.00912	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0184	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0455	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0123	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0055	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0083	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0064	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0146	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00247	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.014	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0129	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0232	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00524	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00274	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0108	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0046	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	3.97E-07	8.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	5.75E-09	8.39E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	6.32E-07	1.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-09	9.16E-09	1.34E-09	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	3.44E-07	7.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	4.99E-09	7.27E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	1.89E-07	3.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-10	2.74E-09	3.99E-10	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.18E-07	2.41E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-10	1.71E-09	2.49E-10	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	9.65E-08	1.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-10	1.40E-09	2.04E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	1.11E-07	2.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	1.61E-09	2.35E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	2.26E-07	4.61E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-10	3.28E-09	4.77E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	2.28E-07	4.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	3.30E-09	4.82E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	2.28E-07	4.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	3.30E-09	4.82E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.55E-07	5.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-10	3.70E-09	5.39E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.13E-07	6.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	4.54E-09	6.61E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	6.47E-07	1.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	9.38E-09	1.37E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.46E-06	2.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-09	2.12E-08	3.08E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.08E-06	2.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-09	1.57E-08	2.28E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	9.72E-07	1.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-09	1.41E-08	2.05E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.05E-06	2.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-09	1.52E-08	2.22E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.07E-06	2.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-09	1.55E-08	2.26E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.90E-06	5.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	4.20E-08	6.13E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.75E-06	3.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-09	2.54E-08	3.70E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.36E-06	4.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-09	3.42E-08	4.99E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.15E-06	4.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-09	3.12E-08	4.54E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	6.60E-06	1.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	9.57E-08	1.39E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	3.66E-06	7.46E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-08	5.31E-08	7.73E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	3.77E-06	7.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	5.46E-08	7.97E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.20E-06	8.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	6.09E-08	8.87E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	4.32E-06	8.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	6.26E-08	9.13E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-2.85E-06	-5.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	-4.13E-08	-6.02E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	8.12E-07	1.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-09	1.18E-08	1.72E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-9.33E-07	-1.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-09	-1.35E-08	-1.97E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	6.81E-07	1.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-09	9.87E-09	1.44E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	3.50E-07	7.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	5.07E-09	7.39E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	1.42E-06	2.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-09	2.06E-08	3.00E-09	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.88E-07	3.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-10	2.73E-09	3.97E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	2.16E-07	4.40E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-10	3.13E-09	4.56E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.13E-06	4.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.06E-09	3.09E-08	4.50E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.01E-06	6.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	4.36E-08	6.36E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.16E-06	4.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-09	3.13E-08	4.56E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	7.39E-07	1.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	1.07E-08	1.56E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-9.90E-07	-2.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-09	-1.44E-08	-2.09E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	2.80E-08	5.71E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	4.06E-10	5.92E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.91E-08	3.89E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-11	2.77E-10	4.04E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	2.37E-08	4.83E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.97E-11	3.44E-10	5.01E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	4.07E-08	8.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	5.90E-10	8.60E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	5.73E-08	1.17E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-10	8.31E-10	1.21E-10	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	8.30E-08	1.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-10	1.20E-09	1.75E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	1.04E-07	2.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-10	1.51E-09	2.20E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	8.31E-08	1.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-10	1.20E-09	1.76E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	9.06E-08	1.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-10	1.31E-09	1.91E-10	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	3.42E-08	6.97E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	4.96E-10	7.23E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	3.62E-08	7.38E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	5.25E-10	7.65E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	2.91E-08	5.93E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	4.22E-10	6.15E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	1.74E-07	3.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-10	2.52E-09	3.68E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	5.13E-08	1.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-10	7.44E-10	1.08E-10	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	6.58E-08	1.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-10	9.54E-10	1.39E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.87E-06	3.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-09	2.71E-08	3.95E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.33E-06	2.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-09	1.93E-08	2.81E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	8.86E-07	1.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-09	1.28E-08	1.87E-09	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-6.51E-07	-1.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-09	-9.44E-09	-1.38E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-4.36E-07	-8.89E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-09	-6.32E-09	-9.21E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.38E-06	6.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	4.90E-08	7.14E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.42E-06	2.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-09	2.06E-08	3.00E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.38E-07	4.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-10	3.45E-09	5.03E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.55E-07	5.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-10	3.70E-09	5.39E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.17E-08	1.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-10	1.18E-09	1.73E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.27E-07	2.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-10	1.84E-09	2.68E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.39E-07	2.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-10	2.01E-09	2.94E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.44E-06	2.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-09	2.09E-08	3.04E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.67E-06	9.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	6.77E-08	9.87E-09	0.00E+00
70	1650	-890	7440382	Arsenic	4.79E-06	9.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	6.94E-08	1.01E-08	0.00E+00
71	1430	215	7440382	Arsenic	4.44E-06	9.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-08	6.44E-08	9.38E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.62E-07	1.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	1.39E-08	2.03E-09	0.00E+00
73	-333	-788	7440382	Arsenic	1.42E-07	2.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-10	2.06E-09	3.00E-10	0.00E+00
74	-42	-825	7440382	Arsenic	4.11E-07	8.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	5.96E-09	8.68E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.74E-06	3.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-09	2.52E-08	3.68E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	4.51E-07	9.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	6.54E-09	9.53E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.99E-07	4.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.53E-10	2.88E-09	4.20E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.00E-07	6.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	4.35E-09	6.34E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.33E-07	4.75E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-10	3.38E-09	4.92E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.46E-07	1.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	7.91E-09	1.15E-09	0.00E+00
81	3400	-250	7440382	Arsenic	1.10E-07	2.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-10	1.59E-09	2.32E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.34E-07	1.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	7.74E-09	1.13E-09	0.00E+00
83	2404	-475	7440382	Arsenic	5.04E-07	1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	7.31E-09	1.06E-09	0.00E+00
84	1577	291	7440382	Arsenic	9.28E-07	1.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	1.35E-08	1.96E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.31E-07	4.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-10	3.35E-09	4.88E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.06E-07	2.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-10	1.54E-09	2.24E-10	0.00E+00
87	900	935	7440382	Arsenic	9.45E-07	1.93E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-09	1.37E-08	2.00E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.01E-07	4.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.61E-10	2.91E-09	4.25E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.01E-06	4.78E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.28E-06	6.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	5.38E-07	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	3.02E-07	1.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	1.90E-07	8.99E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	2.03E-07	9.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	2.81E-07	1.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	5.62E-07	2.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-09	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	1.87E-07	8.84E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-10	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	1.45E-07	6.86E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	1.10E-07	5.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	9.30E-08	4.40E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	6.72E-08	3.18E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	6.00E-08	2.84E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	5.30E-08	2.51E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	4.85E-08	2.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	4.90E-08	2.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	5.42E-08	2.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	5.01E-08	2.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-10	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	5.13E-08	2.43E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-10	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	5.55E-08	2.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-10	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	8.47E-08	4.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	1.60E-07	7.57E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-10	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	2.13E-07	1.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	3.26E-07	1.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	4.61E-07	2.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	3.85E-07	1.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	8.52E-07	4.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	1.27E-06	6.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	1.79E-06	8.47E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	7.16E-07	3.39E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-09	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	2.20E-06	1.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	2.36E-06	1.12E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	4.53E-07	2.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	4.25E-07	2.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	5.63E-08	2.66E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-10	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	5.01E-08	2.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-10	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	1.26E-07	5.96E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	5.36E-07	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	1.17E-06	5.53E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.44E-08	1.15E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.53E-08	7.24E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.03E-08	9.60E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	3.35E-08	1.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	6.09E-08	2.88E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-10	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	9.02E-08	4.27E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-10	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	1.27E-07	6.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	9.23E-08	4.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-10	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	1.25E-07	5.91E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-10	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.39E-08	1.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-10	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.22E-08	1.52E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-10	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	3.08E-08	1.46E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	4.22E-07	2.00E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	5.80E-08	2.74E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-10	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	4.93E-08	2.33E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	2.03E-07	9.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-10	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	2.41E-07	1.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	4.93E-07	2.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-09	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	7.99E-07	3.78E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	1.47E-06	6.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	7.63E-08	3.61E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	7.91E-08	3.74E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	2.57E-08	1.22E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	2.73E-08	1.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.74E-08	8.23E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.23E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	5.34E-08	2.53E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-10	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.09E-08	9.89E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	1.19E-07	5.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	4.55E-08	2.15E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	6.46E-08	3.06E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	3.89E-08	1.84E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	3.57E-08	1.69E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	3.83E-07	1.81E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	3.25E-07	1.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	6.12E-08	2.89E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	5.89E-08	2.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	3.72E-08	1.76E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-10	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	4.64E-08	2.19E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-10	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	3.49E-08	1.65E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-10	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	4.04E-08	1.91E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	1.98E-08	9.36E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	3.25E-08	1.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	3.09E-08	1.46E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	3.45E-08	1.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	2.38E-08	1.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	1.39E-08	6.57E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	3.91E-08	1.85E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-10	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	2.84E-08	1.34E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-6.10E-07	-1.01E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.81E-08	-2.95E-09	-1.43E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	5.68E-08	9.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.13E-09	2.74E-10	1.33E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.63E-06	2.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-07	7.88E-09	3.83E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.63E-06	2.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-07	7.88E-09	3.83E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	7.76E-07	1.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	3.75E-09	1.82E-10	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	6.20E-07	1.03E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-08	3.00E-09	1.46E-10	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	2.18E-07	3.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	1.05E-09	5.12E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-4.30E-07	-7.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.91E-08	-2.08E-09	-1.01E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.37E-06	3.93E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-07	1.15E-08	5.56E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.10E-06	3.48E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-07	1.01E-08	4.93E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.10E-06	3.48E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-07	1.01E-08	4.93E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.55E-06	4.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-07	1.23E-08	5.99E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	4.74E-06	7.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-07	2.29E-08	1.11E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.22E-05	2.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-06	5.89E-08	2.86E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	8.99E-06	1.49E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	4.34E-08	2.11E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	8.26E-06	1.37E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-06	3.99E-08	1.94E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	9.20E-06	1.53E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	4.45E-08	2.16E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	9.55E-06	1.58E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-06	4.61E-08	2.24E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.68E-05	4.45E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-06	1.29E-07	6.29E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.62E-05	2.69E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-06	7.83E-08	3.80E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.15E-05	3.57E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-06	1.04E-07	5.05E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.02E-05	3.35E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-06	9.76E-08	4.74E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	5.85E-05	9.70E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-06	2.83E-07	1.37E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.24E-05	5.37E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-06	1.57E-07	7.61E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.29E-05	5.46E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-06	1.59E-07	7.72E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	3.69E-05	6.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-06	1.78E-07	8.66E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.02E-05	6.67E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.46E-06	1.94E-07	9.44E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-2.81E-05	-4.66E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.52E-06	-1.36E-07	-6.60E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	2.52E-06	4.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-07	1.22E-08	5.92E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.54E-05	-2.55E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-06	-7.44E-08	-3.62E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	3.79E-06	6.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-07	1.83E-08	8.90E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-5.94E-06	-9.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.55E-07	-2.87E-08	-1.39E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.53E-06	4.20E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-07	1.22E-08	5.94E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-3.95E-07	-6.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.35E-08	-1.91E-09	-9.27E-11	0.00E+00

Proposed Project RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	6.17E-07	1.02E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.92E-08	2.98E-09	1.45E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.02E-05	3.35E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-06	9.76E-08	4.74E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.79E-05	4.63E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-06	1.35E-07	6.55E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.00E-05	3.32E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-06	9.66E-08	4.70E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	7.29E-06	1.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	3.52E-08	1.71E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.22E-05	-2.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-06	-5.89E-08	-2.86E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.59E-07	2.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	7.68E-10	3.73E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.15E-07	1.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	5.56E-10	2.70E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.45E-07	2.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-08	7.01E-10	3.40E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.57E-07	4.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-08	1.24E-09	6.03E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.82E-07	4.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-08	1.36E-09	6.62E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.31E-07	7.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-08	2.08E-09	1.01E-10	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	4.67E-07	7.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-08	2.26E-09	1.10E-10	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	4.44E-07	7.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-08	2.15E-09	1.04E-10	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	5.70E-07	9.46E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.17E-08	2.75E-09	1.34E-10	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.70E-07	2.82E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-08	8.21E-10	3.99E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.01E-07	3.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-08	9.71E-10	4.72E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	2.11E-07	3.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	1.02E-09	4.95E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-3.24E-07	-5.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.21E-08	-1.57E-09	-7.61E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.86E-07	4.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-08	1.38E-09	6.71E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.69E-07	7.78E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.54E-08	2.27E-09	1.10E-10	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.70E-05	2.82E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-06	8.21E-08	3.99E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.11E-05	1.84E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-06	5.36E-08	2.61E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	5.88E-06	9.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.46E-07	2.84E-08	1.38E-09	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-7.81E-06	-1.30E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-06	-3.77E-08	-1.83E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-9.15E-06	-1.52E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-06	-4.42E-08	-2.15E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.02E-05	5.01E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-06	1.46E-07	7.09E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.26E-05	2.09E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-06	6.09E-08	2.96E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.18E-06	3.62E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-07	1.05E-08	5.12E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.31E-06	3.83E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-07	1.12E-08	5.42E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.56E-07	1.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	3.17E-09	1.54E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.00E-06	1.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	4.83E-09	2.35E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.16E-06	1.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	5.60E-09	2.72E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.32E-05	2.19E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-06	6.38E-08	3.10E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	4.15E-05	6.88E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-06	2.01E-07	9.74E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	4.25E-05	7.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-06	2.05E-07	9.98E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.94E-05	6.54E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-06	1.90E-07	9.25E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	8.46E-06	1.40E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-06	4.09E-08	1.99E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	7.65E-07	1.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	3.70E-09	1.80E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.67E-06	6.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-07	1.77E-08	8.62E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.57E-05	2.60E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	7.59E-08	3.69E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.07E-06	6.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-07	1.97E-08	9.55E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.79E-06	2.97E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-07	8.65E-09	4.20E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.72E-06	4.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-07	1.31E-08	6.39E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.11E-06	3.50E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-07	1.02E-08	4.95E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.96E-06	8.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.98E-07	2.40E-08	1.16E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	9.19E-07	1.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	4.44E-09	2.16E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.88E-06	8.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.85E-07	2.36E-08	1.15E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.51E-06	7.48E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-07	2.18E-08	1.06E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	8.17E-06	1.36E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-06	3.95E-08	1.92E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.94E-06	3.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-07	9.37E-09	4.55E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	9.36E-07	1.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	4.52E-09	2.20E-10	0.00E+00
263	900	935	18540299	Cr(VI)	6.80E-06	1.13E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	3.29E-08	1.60E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.71E-06	2.84E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-07	8.26E-09	4.01E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	1.74E-05	1.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-10	1.43E-09	1.04E-10	7.23E-11
266	-1778.03	-291.29	7439921	Lead	2.26E-05	2.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-10	1.86E-09	1.35E-10	9.39E-11
267	-1732.28	175.05	7439921	Lead	1.07E-05	1.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	8.79E-10	6.41E-11	4.44E-11
268	-1579.43	347.93	7439921	Lead	6.64E-06	7.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-11	5.45E-10	3.97E-11	2.76E-11
269	-1525.43	516.64	7439921	Lead	4.34E-06	4.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-11	3.56E-10	2.60E-11	1.80E-11
270	-1332.88	500.04	7439921	Lead	5.27E-06	5.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-11	4.33E-10	3.15E-11	2.19E-11
271	-1140.45	476.3	7439921	Lead	8.40E-06	8.86E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-10	6.90E-10	5.03E-11	3.49E-11
272	-672.12	353.55	7439921	Lead	1.24E-05	1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	1.02E-09	7.42E-11	5.15E-11
273	-169.37	170.38	7439921	Lead	9.36E-06	9.88E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	7.69E-10	5.60E-11	3.89E-11
274	-75.04	299.11	7439921	Lead	6.98E-06	7.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-11	5.73E-10	4.18E-11	2.90E-11
275	49.15	527.2	7439921	Lead	5.59E-06	5.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-11	4.59E-10	3.35E-11	2.32E-11
276	144.22	648.15	7439921	Lead	5.56E-06	5.87E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-11	4.57E-10	3.33E-11	2.31E-11
277	394.15	623.31	7439921	Lead	8.11E-06	8.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	6.66E-10	4.85E-11	3.37E-11
278	501.62	717.12	7439921	Lead	1.48E-05	1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	1.22E-09	8.86E-11	6.15E-11
279	618.47	665.12	7439921	Lead	1.15E-05	1.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-10	9.45E-10	6.88E-11	4.78E-11
280	755.45	579.13	7439921	Lead	1.07E-05	1.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	8.79E-10	6.41E-11	4.44E-11
281	867.79	485.41	7439921	Lead	1.16E-05	1.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	9.53E-10	6.94E-11	4.82E-11
282	955.03	377.6	7439921	Lead	0.0000121	1.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-10	9.94E-10	7.24E-11	5.03E-11
283	1331.68	-165.58	7439921	Lead	0.0000286	3.02E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.79E-10	2.35E-09	1.71E-10	1.19E-10
284	1406.74	-290.13	7439921	Lead	0.0000202	2.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-10	1.66E-09	1.21E-10	8.39E-11
285	1456.2	-436.06	7439921	Lead	0.0000272	2.87E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-10	2.23E-09	1.63E-10	1.13E-10
286	1209.21	-528.32	7439921	Lead	0.0000308	3.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-10	2.53E-09	1.84E-10	1.28E-10
287	913.01	-694.67	7439921	Lead	0.0000659	6.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.73E-10	5.41E-09	3.94E-10	2.74E-10
288	717.24	-664.22	7439921	Lead	0.0000412	4.35E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-10	3.38E-09	2.47E-10	1.71E-10
289	544.23	-594.35	7439921	Lead	0.0000434	4.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-10	3.56E-09	2.60E-10	1.80E-10
290	338.12	-539.73	7439921	Lead	0.0000483	5.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-10	3.97E-09	2.89E-10	2.01E-10
291	123.44	-529.45	7439921	Lead	0.0000475	5.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-10	3.90E-09	2.84E-10	1.97E-10
292	-353.26	-515.05	7439921	Lead	-0.0000088	-9.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-10	-7.23E-10	-5.27E-11	-3.66E-11
293	-537.68	-487.8	7439921	Lead	0.0000272	2.87E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-10	2.23E-09	1.63E-10	1.13E-10
294	-775.51	-486.07	7439921	Lead	0.0000185	1.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-10	1.52E-09	1.11E-10	7.68E-11
295	-1414.44	-481.5	7439921	Lead	0.0000168	1.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	1.38E-09	1.01E-10	6.98E-11
296	-1515.21	-320.18	7439921	Lead	3.28E-05	3.46E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-10	2.69E-09	1.96E-10	1.36E-10
297	-1749.69	-63.9	7439921	Lead	4.31E-05	4.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-10	3.54E-09	2.58E-10	1.79E-10
298	-920.57	426.17	7439921	Lead	1.06E-05	1.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	8.71E-10	6.35E-11	4.40E-11
299	-420.73	233.87	7439921	Lead	1.16E-05	1.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	9.53E-10	6.94E-11	4.82E-11
300	1090.12	214.1	7439921	Lead	2.15E-05	2.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-10	1.77E-09	1.29E-10	8.93E-11
301	1183.39	65.17	7439921	Lead	2.90E-05	3.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-10	2.38E-09	1.74E-10	1.20E-10
302	1055.3	-577.42	7439921	Lead	3.09E-05	3.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-10	2.54E-09	1.85E-10	1.28E-10
303	-103.02	-518.78	7439921	Lead	1.84E-05	1.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	1.51E-09	1.10E-10	7.64E-11
304	-1076.39	-488.67	7439921	Lead	0.0000094	9.92E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	7.72E-10	5.63E-11	3.90E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000672	7.09E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-12	5.52E-11	4.02E-12	2.79E-12
306	-5050.04	-958.41	7439921	Lead	0.000000444	4.69E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-12	3.65E-11	2.66E-12	1.84E-12
307	-4023.97	-112.26	7439921	Lead	5.87E-07	6.19E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-12	4.82E-11	3.51E-12	2.44E-12
308	-2122.34	995.23	7439921	Lead	9.96E-07	1.05E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-11	8.18E-11	5.96E-12	4.14E-12
309	-2734.69	227.4	7439921	Lead	1.52E-06	1.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-11	1.25E-10	9.10E-12	6.31E-12
310	-2371.11	-69.21	7439921	Lead	2.22E-06	2.34E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-11	1.82E-10	1.33E-11	9.22E-12
311	-2146.26	177.17	7439921	Lead	2.97E-06	3.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-11	2.44E-10	1.78E-11	1.23E-11
312	-1919.02	445.07	7439921	Lead	2.45E-06	2.59E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-11	2.01E-10	1.47E-11	1.02E-11
313	-1651.12	607.72	7439921	Lead	2.96E-06	3.12E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-11	2.43E-10	1.77E-11	1.23E-11
314	-3361.39	677.09	7439921	Lead	8.86E-07	9.35E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-11	7.28E-11	5.30E-12	3.68E-12
315	-3026.51	724.93	7439921	Lead	9.03E-07	9.53E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-11	7.42E-11	5.41E-12	3.75E-12

Proposed Project RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	9.48E-07	1.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	7.79E-11	5.67E-12	3.94E-12
317	-922.86	446.42	7439921	Lead	1.00E-05	1.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	8.21E-10	5.99E-11	4.15E-11
318	-1799.42	1088.51	7439921	Lead	1.46E-06	1.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-11	1.20E-10	8.74E-12	6.06E-12
319	-359.36	1846.44	7439921	Lead	1.81E-06	1.91E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-11	1.49E-10	1.08E-11	7.52E-12
320	671.3	-742.78	7439921	Lead	2.45E-05	2.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	2.01E-09	1.47E-10	1.02E-10
321	-1565.55	-932.22	7439921	Lead	1.54E-05	1.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-10	1.27E-09	9.22E-11	6.40E-11
322	-1733.02	-528.24	7439921	Lead	1.48E-05	1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	1.22E-09	8.86E-11	6.15E-11
323	-1261.46	-507.67	7439921	Lead	6.97E-06	7.36E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-11	5.73E-10	4.17E-11	2.90E-11
324	-883.92	-503.26	7439921	Lead	0.0000184	1.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	1.51E-09	1.10E-10	7.64E-11
325	1599.35	-1104.97	7439921	Lead	0.0000332	3.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	2.73E-09	1.99E-10	1.38E-10
326	1608.16	-1382.63	7439921	Lead	1.56E-05	1.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-10	1.28E-09	9.34E-11	6.48E-11
327	3517.15	-1425.27	7439921	Lead	3.51E-06	3.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-11	2.88E-10	2.10E-11	1.46E-11
328	2959.77	-846.37	7439921	Lead	3.78E-06	3.99E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	3.10E-10	2.26E-11	1.57E-11
329	3479.67	224.81	7439921	Lead	0.00000118	1.25E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-11	9.69E-11	7.06E-12	4.90E-12
330	44.43	1469.76	7439921	Lead	0.00000261	2.75E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-11	2.14E-10	1.56E-11	1.08E-11
331	3044.83	-34	7439921	Lead	1.86E-06	1.96E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-11	1.53E-10	1.11E-11	7.73E-12
332	1088	-938	7439921	Lead	1.87E-05	1.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-10	1.54E-09	1.12E-10	7.77E-11
333	1647	-390	7439921	Lead	4.36E-05	4.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-10	3.58E-09	2.61E-10	1.81E-10
334	1650	-890	7439921	Lead	4.59E-05	4.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-10	3.77E-09	2.75E-10	1.91E-10
335	1430	215	7439921	Lead	3.97E-05	4.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-10	3.26E-09	2.38E-10	1.65E-10
336	1142	615	7439921	Lead	0.0000102	1.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	8.38E-10	6.11E-11	4.24E-11
337	-333	-788	7439921	Lead	0.00000925	9.76E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-10	7.60E-10	5.54E-11	3.84E-11
338	-42	-825	7439921	Lead	0.0000111	1.17E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	9.12E-10	6.64E-11	4.61E-11
339	1900	-1175	7439921	Lead	0.0000184	1.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	1.51E-09	1.10E-10	7.64E-11
340	1815	-1910	7439921	Lead	0.00000618	6.52E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-11	5.08E-10	3.70E-11	2.57E-11
341	2575	-2650	7439921	Lead	0.0000031	3.27E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-11	2.55E-10	1.86E-11	1.29E-11
342	2665	-2025	7439921	Lead	0.00000442	4.66E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-11	3.63E-10	2.65E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000349	3.68E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-11	2.87E-10	2.09E-11	1.45E-11
344	2667	-1400	7439921	Lead	0.00000692	7.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.16E-11	5.68E-10	4.14E-11	2.87E-11
345	3400	-250	7439921	Lead	0.00000162	1.71E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-11	1.33E-10	9.70E-12	6.73E-12
346	2577	-940	7439921	Lead	0.00000688	7.26E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-11	5.65E-10	4.12E-11	2.86E-11
347	2404	-475	7439921	Lead	0.00000601	6.34E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-11	4.94E-10	3.60E-11	2.50E-11
348	1577	291	7439921	Lead	0.00000946	9.98E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	7.77E-10	5.66E-11	3.93E-11
349	2400	240	7439921	Lead	0.00000275	2.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-11	2.26E-10	1.65E-11	1.14E-11
350	2600	1290	7439921	Lead	0.00000145	1.53E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-11	1.19E-10	8.68E-12	6.02E-12
351	900	935	7439921	Lead	0.00000979	1.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-10	8.04E-10	5.86E-11	4.07E-11
352	1375	1395	7439921	Lead	0.00000285	3.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-11	2.34E-10	1.71E-11	1.18E-11
353	-1710.89	-383.91	7440020	Nickel	-0.00000746	-2.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	0.0000011	3.16E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-10	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000027	7.75E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000283	8.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.0000124	3.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00000852	2.44E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000282	-8.09E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.09E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000126	-3.62E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000286	8.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.21E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000264	7.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.58E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000266	7.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000327	9.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.38E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000579	1.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000164	4.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.00012	3.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.00011	3.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000124	3.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00013	3.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000374	1.07E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000221	6.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.00029	8.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000264	7.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.58E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000803	2.30E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.00044	1.26E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000449	1.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.00051	1.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000569	1.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000396	-1.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000329	9.44E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000216	-6.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.20E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000551	1.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0000797	-2.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000385	1.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000129	-3.70E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000244	7.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000285	8.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.92E-04	1.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000262	7.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000109	3.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000165	-4.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000207	5.94E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.0000015	4.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000189	5.42E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000338	9.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.70E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000367	1.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000585	1.68E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000623	1.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000568	1.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000867	2.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000215	6.17E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000254	7.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.29E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000279	8.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000114	-3.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.27E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000392	1.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000577	1.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000231	6.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000154	4.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000818	2.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000104	-2.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.98E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000126	-3.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000416	1.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000173	4.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000288	8.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000304	8.72E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000862	2.47E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000127	3.64E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000153	4.39E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000178	5.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-08	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000574	1.65E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000585	1.68E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000547	1.57E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000115	3.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.000011	3.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000523	1.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000215	6.17E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.000055	1.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000024	6.89E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.89E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000365	1.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000283	8.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.000067	1.92E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.000012	3.44E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000653	1.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000609	1.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000112	3.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000026	7.46E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000125	3.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000835	2.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000223	6.40E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.064	2.22E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.064	2.22E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0808	2.80E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0875	3.03E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0357	1.24E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-05	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.031	1.08E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-05	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00185	6.42E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-07	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0236	-8.19E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.19E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0347	1.20E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0211	7.32E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.32E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00558	1.94E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000896	3.11E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.051	-1.77E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0238	-8.25E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0133	-4.61E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.000548	-1.90E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00823	2.85E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0149	5.17E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0627	2.17E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0314	1.09E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-05	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0157	5.45E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0193	6.69E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0166	5.76E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0318	1.10E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.049	1.70E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.102	3.54E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.203	7.04E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0241	8.36E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0134	-4.65E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.65E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.00592	-2.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0534	1.85E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.139	4.82E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.137	4.75E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0261	-9.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.00172	-5.97E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0347	1.20E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0671	2.33E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0231	8.01E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.169	5.86E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0196	6.80E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000754	2.62E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000533	1.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000877	3.04E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00226	7.84E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00241	8.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00536	1.86E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.0073	2.53E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00638	2.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0205	7.11E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000911	3.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00097	3.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00361	1.25E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0227	-7.87E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00511	1.77E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00192	6.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0429	1.49E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0152	5.27E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0342	1.19E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-05	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0362	1.26E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.00639	2.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.00929	3.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.00953	3.31E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00352	1.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00323	1.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.00076	2.64E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.002	6.94E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000814	2.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0239	8.29E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00698	2.42E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00226	7.84E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00114	-3.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.00949	3.29E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0314	1.09E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0542	1.88E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.00938	3.25E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00761	2.64E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00431	1.49E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00576	2.00E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00442	1.53E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00618	2.14E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000798	2.77E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00512	1.78E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00339	1.18E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00355	1.23E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00109	3.78E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00166	5.76E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.0019	6.59E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.59E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00296	1.03E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00122	2.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00115	2.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00155	2.93E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00175	3.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00144	2.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00432	8.17E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00529	1.00E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00343	6.49E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.49E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00475	8.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00313	5.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00191	3.61E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00149	2.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00093	1.76E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000269	5.09E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.00058	1.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000928	1.76E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00106	2.01E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0013	2.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00291	5.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00469	8.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00795	1.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0168	3.18E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00572	1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00587	1.11E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.0058	1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00558	1.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.0058	1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.0032	6.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00244	4.62E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000979	1.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000805	1.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00209	3.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00167	3.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00368	6.96E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00433	8.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.19E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000443	8.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.38E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00143	2.71E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0133	2.52E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00484	9.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.16E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000801	1.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000107	2.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000673	1.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0001	1.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000214	4.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000238	4.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000349	6.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000498	9.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000586	1.11E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000759	1.44E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000144	2.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000169	3.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000396	7.49E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.0036	6.81E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.81E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000367	6.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.00072	1.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00665	1.26E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000798	1.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000335	6.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00123	2.33E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00175	3.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00318	6.02E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00243	4.60E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00123	2.33E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00126	2.38E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000239	4.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000906	1.71E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000356	6.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00574	1.09E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00138	2.61E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00327	6.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.19E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000452	-8.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.55E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000893	1.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00339	6.41E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00408	7.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.0031	5.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00173	3.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00102	1.93E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00144	2.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.0012	2.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00198	3.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000383	7.25E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00202	3.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00116	2.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000902	1.71E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000408	7.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000348	6.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000851	1.61E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000697	1.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00255	8.04E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00261	8.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.23E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00408	1.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00463	1.46E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00363	1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0108	3.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.013	4.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00796	2.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0118	3.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00762	2.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00444	1.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00326	1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00125	3.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00186	-5.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.86E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000164	5.17E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00139	4.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00177	5.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00247	7.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00607	1.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0107	3.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0183	5.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0408	1.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.00938	2.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0106	3.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.01	3.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00936	2.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0113	3.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.03E-03	1.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	1.71E-03	5.39E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-2.70E-03	-8.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.51E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-5.82E-04	-1.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	4.05E-03	1.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	4.43E-03	1.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	8.66E-03	2.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.04E-02	3.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00108	-3.41E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.06E-03	6.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.18E-02	1.00E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.89E-03	2.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.0021	-6.62E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.62E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.42E-04	7.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000151	4.76E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000224	7.06E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000498	1.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000546	1.72E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000785	2.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00118	3.72E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00141	4.45E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00189	5.96E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000333	1.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000393	1.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	9.48E-04	2.99E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00849	2.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	8.77E-04	2.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00168	5.30E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0154	4.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00115	3.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000523	-1.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000431	1.36E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000778	2.45E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00627	1.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00505	1.59E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00297	9.36E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00303	9.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000551	1.74E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00206	6.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000805	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0135	4.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000712	2.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00509	1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00379	-1.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00159	5.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00742	2.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00944	2.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00701	2.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00402	1.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.0024	7.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00342	1.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00287	9.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.05E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00471	1.49E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000887	2.80E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00481	1.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00263	8.29E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00169	5.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000879	2.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000811	2.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00167	5.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00162	5.11E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00582	-1.84E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00273	-8.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.61E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.00357	1.13E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0043	1.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.00123	3.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00242	7.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.0000135	4.26E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-10	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00586	-1.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00117	3.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.000853	-2.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00336	-1.06E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00519	-1.64E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0132	-4.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.16E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0247	-7.79E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.79E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0161	-5.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0113	-3.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0106	-3.34E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.34E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.00924	-2.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0138	-4.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.35E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.00999	-3.15E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0156	-4.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00555	-1.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0595	-1.88E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0485	-1.53E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0542	-1.71E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0555	-1.75E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.037	-1.17E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0488	-1.54E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0546	-1.72E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0652	-2.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0327	-1.03E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0137	-4.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.32E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00434	1.37E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-4.81E-03	-1.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.35E-03	-1.06E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-2.77E-02	-8.73E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.73E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-1.86E-02	-5.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.86E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.05E-02	-3.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-3.83E-02	-1.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-5.20E-02	-1.64E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-2.58E-04	-8.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.14E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-1.86E-04	-5.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.86E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-2.76E-04	-8.70E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-3.47E-04	-1.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-4.87E-04	-1.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-9.10E-04	-2.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-5.64E-04	-1.78E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-3.34E-04	-1.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	3.45E-04	1.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-2.49E-04	-7.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.85E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-2.74E-04	-8.64E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-3.09E-04	-9.74E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.74E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-4.40E-03	-1.39E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-2.88E-04	-9.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.08E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.15E-03	-3.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.25E-02	-3.94E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.04E-02	-3.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-1.72E-02	-5.42E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-3.32E-02	-1.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-4.50E-02	-1.42E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-1.94E-02	-6.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.18E-02	-3.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-7.90E-04	-2.49E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-9.91E-04	-3.12E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-4.60E-04	-1.45E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.03E-03	-6.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.40E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-8.74E-04	-2.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-7.66E-03	-2.42E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.41E-02	-1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-3.75E-02	-1.18E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.42E-02	-1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-7.69E-03	-2.42E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.16E-02	-3.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-7.41E-03	-2.34E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-7.71E-03	-2.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-2.73E-03	-8.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.61E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.15E-03	-3.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.57E-03	-4.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.02E-03	-3.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.06E-03	-6.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-6.77E-04	-2.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-1.91E-03	-6.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-2.74E-03	-8.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-6.72E-03	-2.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.55E-03	-4.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-5.57E-04	-1.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-5.33E-03	-1.68E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.19E-03	-3.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-1.98E-03	-5.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.43E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.05E-03	-2.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	7.66E-04	2.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	9.46E-04	2.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	8.62E-05	2.36E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.20E-04	-3.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.03E-03	-2.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.43E-03	-6.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.67E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-5.78E-04	-1.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-8.69E-04	-2.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.38E-03	-3.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-1.85E-03	-5.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00415	-1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.0074	-2.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00494	-1.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00358	-9.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.82E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.0034	-9.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00303	-8.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.31E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.0047	-1.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00391	-1.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00622	-1.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00495	-1.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0189	-5.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0157	-4.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0174	-4.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0177	-4.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0122	-3.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0153	-4.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0169	-4.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0197	-5.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.40E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.00996	-2.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00453	-1.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.000972	2.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00216	-5.93E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.93E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00185	-5.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00838	-2.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00585	-1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00576	-1.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0124	-3.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0157	-4.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.0000983	-2.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000691	-1.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000102	-2.80E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000146	-4.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.01E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000193	-5.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.29E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000341	-9.35E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.35E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000267	-7.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.32E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000215	-5.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.90E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000452	-1.24E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000103	-2.83E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000115	-3.15E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00017	-4.66E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.02E-03	-5.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.58E-04	-4.33E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.33E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-4.87E-04	-1.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-5.04E-03	-1.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00326	-8.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.94E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00522	-1.43E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0102	-2.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0138	-3.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00644	-1.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.01E-03	-1.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-4.78E-04	-1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000544	-1.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000185	-5.08E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000786	-2.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000332	-9.11E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.11E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00342	-9.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.38E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0105	-2.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0119	-3.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0102	-2.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00248	-6.80E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.80E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00415	-1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00302	-8.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.28E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00292	-8.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.01E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00116	-3.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000544	-1.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000752	-2.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000543	-1.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.01E-03	-2.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-2.78E-04	-7.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.000968	-2.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00105	-2.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00219	-6.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.01E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-5.44E-04	-1.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.35E-04	-6.45E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-1.77E-03	-4.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000493	-1.35E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00819	5.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00799	5.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0115	7.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.61E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.013	8.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0105	6.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0313	2.07E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0381	2.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0241	1.60E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0343	2.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0225	1.49E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0134	8.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0102	6.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.75E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00532	3.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00236	-1.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00251	1.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.0055	3.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00653	4.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00841	5.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.95E-02	1.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0327	2.17E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0556	3.68E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.12	7.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.50E-02	2.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0372	2.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	3.61E-02	2.39E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.44E-02	2.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0379	2.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.018	1.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0119	7.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000299	1.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00241	1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0136	9.01E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0124	8.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.21E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.026	1.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0308	2.04E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000323	2.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00838	5.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0946	6.26E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0309	2.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000384	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000741	4.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000465	3.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000691	4.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.50E-03	9.93E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.93E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00166	1.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00241	1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00353	2.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00418	2.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.0055	3.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.01E-03	6.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00119	7.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00282	1.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0254	1.68E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00261	1.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00506	3.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0466	3.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00467	3.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000633	4.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00544	3.6021E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6021E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00794	5.2575E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2575E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0208	1.3773E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3773E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0163	1.0793E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0793E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0088	5.827E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.827E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.009	5.9594E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9594E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00167	1.1058E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1058E-08	0	0	0

Proposed Project RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.0063	4.1716E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1716E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00247	1.6355E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6355E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0405	2.6817E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6817E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00638	4.2246E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2246E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0196	1.2978E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2978E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00679	-4.4961E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.4961E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00563	3.728E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.728E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0232	1.5362E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5362E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0286	1.8938E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8938E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0215	1.4236E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4236E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0121	8.0121E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0121E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00718	4.7543E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7543E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0102	6.754E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.754E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00855	5.6615E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6615E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0141	9.3364E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3364E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00268	1.7746E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7746E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0143	9.4689E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4689E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00806	5.337E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.337E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00579	3.8339E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8339E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00277	1.8342E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8342E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00245	1.6223E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6223E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00557	3.6882E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6882E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00489	3.238E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.238E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000818	9.0274E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0274E-11	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.000103	1.1367E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1367E-10	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.0000435	4.8007E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8007E-11	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.0000244	2.6928E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6928E-11	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000156	1.7216E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7216E-11	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000165	1.8209E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8209E-11	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.0000231	2.5493E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5493E-11	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000465	5.1317E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1317E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.0000157	1.7326E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7326E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.0000123	1.3574E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3574E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.00000905	9.9876E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9876E-12	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.0000079	8.7184E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7184E-12	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.0000056	6.1801E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1801E-12	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.00000524	5.7829E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7829E-12	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.00000448	4.9441E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9441E-12	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.00000421	4.6461E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6461E-12	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.00000417	4.602E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.602E-12	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000046	5.0766E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0766E-12	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.00000425	4.6903E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6903E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.00000425	4.6903E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6903E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.00000464	5.1207E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1207E-12	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000073	8.0563E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0563E-12	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.0000139	1.534E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.534E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.0000186	2.0527E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0527E-11	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.0000289	3.1894E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1894E-11	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.0000408	4.5027E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5027E-11	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.0000327	3.6088E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6088E-11	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0000715	7.8907E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8907E-11	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000108	1.1919E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1919E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000152	1.6775E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6775E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000582	6.4229E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4229E-11	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000177	1.9534E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9534E-10	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.00019	2.0968E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0968E-10	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000369	4.0723E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0723E-11	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.0000354	3.9067E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9067E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.00000476	5.2531E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-12	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.00000429	4.7344E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7344E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000109	1.2029E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2029E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0000449	4.9552E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9552E-11	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.0000959	1.0584E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0584E-10	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.00000198	2.1851E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1851E-12	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000151	1.6664E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6664E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000274	3.0239E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0239E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.00000508	5.6063E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6063E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0000075	8.277E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.277E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.0000104	1.1477E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1477E-11	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.0000075	8.277E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.277E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000102	1.1257E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1257E-11	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000282	3.1121E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1121E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000262	2.8914E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8914E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.00000246	2.7149E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7149E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.0000345	3.8074E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8074E-11	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000476	5.2531E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.00000397	4.3813E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3813E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.0000175	1.9313E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9313E-11	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000197	2.1741E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1741E-11	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.0000399	4.4034E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4034E-11	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000651	7.1844E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1844E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000123	1.3574E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3574E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.00000643	7.0961E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0961E-12	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.00000659	7.2727E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2727E-12	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.00000206	2.2734E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2734E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.00000222	2.45E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.00000147	1.6223E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6223E-12	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.00000448	4.9441E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9441E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.00000171	1.8872E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8872E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.0000102	1.1257E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1257E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.00000381	4.2047E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2047E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000056	6.1801E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1801E-12	0	0	0
1039	1430	215	75092	Methylene Chlor	0.00000337	3.7191E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7191E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.00000302	3.3329E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3329E-12	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.0000322	3.5536E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5536E-11	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.0000273	3.0128E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0128E-11	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.00000512	5.6504E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6504E-12	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.00000488	5.3856E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3856E-12	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.00000314	3.4653E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4653E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.00000389	4.293E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.293E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.00000294	3.2446E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2446E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.00000337	3.7191E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7191E-12	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000167	1.843E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.843E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.00000278	3.068E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.068E-12	0	0	0

Proposed Project RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.00000254	2.8031E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8031E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.00000282	3.1121E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1121E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000198	2.1851E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1851E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000107	1.1808E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1808E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.00000325	3.5867E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5867E-12	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.00000234	2.5824E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5824E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000169	-6.3946E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3946E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.0000592	2.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000658	2.4897E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4897E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000765	2.8946E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8946E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000445	1.6838E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6838E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00123	4.654E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.654E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00128	4.8432E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8432E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000361	1.3659E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3659E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00124	4.6919E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6919E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000688	2.6032E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6032E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000194	7.3405E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3405E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000528	-1.9978E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9978E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000831	-3.1443E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1443E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00196	-7.4162E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.4162E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00114	-4.3135E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3135E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.00068	-2.573E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.573E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000591	-2.2362E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2362E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000422	-1.5967E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5967E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000395	-1.4946E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4946E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000337	1.2751E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2751E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00068	2.573E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.573E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00361	1.3659E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3659E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00336	-1.2713E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2713E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00245	-9.2702E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2702E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00292	-1.1049E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1049E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00308	-1.1654E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1654E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00155	-5.8648E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8648E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00311	-1.1768E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1768E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00376	-1.4227E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4227E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00496	-1.8767E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8767E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00241	-9.1189E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1189E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00059	-2.2324E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2324E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000747	2.8265E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8265E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000505	1.9108E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9108E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000778	2.9438E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9438E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.0021	-7.9459E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.9459E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00113	-4.2757E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2757E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00237	8.9675E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9675E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00188	-7.1135E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1135E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00395	-1.4946E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4946E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000519	1.9638E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9638E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.00000139	5.2594E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2594E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.00000211	7.9837E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.9837E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000024	9.081E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.081E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000186	7.0378E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0378E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000116	4.3892E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3892E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000753	2.8492E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8492E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000115	4.3513E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3513E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000211	7.9837E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.9837E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000149	5.6378E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6378E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000189	7.1513E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1513E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000071	2.6865E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6865E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000518	1.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000655	2.4784E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4784E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000817	3.0913E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0913E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000611	2.3119E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3119E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000633	-2.3951E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3951E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00129	-4.8811E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8811E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00235	-8.8918E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.8918E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00316	-1.1957E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1957E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000781	-2.9551E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9551E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000352	-1.3319E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3319E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000235	8.8918E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8918E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000226	8.5513E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5513E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000211	7.9837E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.9837E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000567	2.1454E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1454E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000162	6.1297E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1297E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000774	2.9286E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9286E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00239	-9.0432E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.0432E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.0022	-8.3243E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.3243E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00284	-1.0746E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0746E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.000397	-1.5022E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5022E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000107	-4.0486E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0486E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000395	1.4946E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4946E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000134	5.0702E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0702E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000199	7.5297E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5297E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000153	5.7892E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7892E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000223	8.4378E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4378E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000209	7.9081E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.9081E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000315	1.1919E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1919E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000385	1.4567E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4567E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000335	1.2676E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2676E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000613	2.3194E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3194E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000318	-1.2032E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2032E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.000025	-9.4594E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.4594E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000396	1.4984E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4984E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.00022	-8.3243E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.3243E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000734	2.7773E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7773E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.00456	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00776	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0227	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0248	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0107	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.00896	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.000547	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00546	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0189	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0156	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0131	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 1:22:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0147	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0175	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0661	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0479	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0454	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0532	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0577	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.173	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.101	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.128	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.118	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.352	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.195	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.2	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.235	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.279	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.165	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0257	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.0819	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0348	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0179	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0325	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00713	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00413	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.137	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.183	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.117	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0737	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0532	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.00108	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.00077	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00103	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00185	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00207	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00356	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00393	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00346	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00684	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00112	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.0013	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00188	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.00609	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00254	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00309	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.108	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0713	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0396	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0301	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0391	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.184	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0774	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0133	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0138	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00368	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00602	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00653	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0821	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.252	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.256	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.241	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0498	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0147	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0345	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.096	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0258	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0114	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0173	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0133	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0306	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00517	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0294	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0271	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0491	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.011	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00572	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0225	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00954	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-1.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-10	-8.61E-10	-1.28E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-8.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-10	-5.94E-10	-8.83E-11	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	6.84E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-11	4.59E-11	6.82E-12	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	1.50E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-12	1.00E-11	1.49E-12	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	6.43E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-12	4.32E-12	6.42E-13	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-1.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-11	-1.08E-10	-1.60E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-3.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.03E-11	-2.36E-10	-3.50E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-6.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-10	-4.53E-10	-6.73E-11	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	6.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	4.29E-10	6.37E-11	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	7.80E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-10	5.24E-10	7.78E-11	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-10	7.07E-10	1.05E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-10	9.65E-10	1.43E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	3.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.80E-10	2.29E-09	3.40E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	8.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	5.39E-09	8.01E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	5.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	3.95E-09	5.87E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	5.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	3.55E-09	5.28E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	5.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	3.86E-09	5.73E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	5.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	3.92E-09	5.82E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	1.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-09	1.08E-08	1.61E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	9.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	6.49E-09	9.65E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-09	8.79E-09	1.31E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	7.93E-09	1.18E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	3.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-09	2.45E-08	3.64E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	1.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-09	1.34E-08	1.98E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-09	1.35E-08	2.00E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	2.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-09	1.48E-08	2.20E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	2.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-09	1.54E-08	2.29E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-09	-1.27E-08	-1.89E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	1.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-11	1.15E-10	1.71E-11	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-09	-7.69E-09	-1.14E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-10	9.00E-10	1.34E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-5.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	-3.83E-09	-5.69E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-1.87E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-11	-1.25E-10	-1.86E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-5.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-10	-3.46E-10	-5.14E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-2.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-11	-1.75E-10	-2.60E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	7.93E-09	1.18E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	1.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-09	1.13E-08	1.67E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	7.84E-09	1.16E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	2.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-10	1.54E-09	2.29E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-9.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-09	-6.46E-09	-9.60E-10	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	7.30E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-11	4.90E-11	7.28E-12	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	5.47E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	3.67E-11	5.46E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	6.29E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-11	4.23E-11	6.28E-12	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	1.13E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-11	7.56E-11	1.12E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	1.11E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-11	7.44E-11	1.11E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	1.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-11	1.03E-10	1.53E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	1.45E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-11	9.71E-11	1.44E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	1.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-11	9.89E-11	1.47E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	7.48E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-11	5.02E-11	7.46E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	7.44E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-11	4.99E-11	7.42E-12	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	9.21E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-11	6.19E-11	9.19E-12	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	5.70E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	3.83E-11	5.69E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-4.79E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-10	-3.22E-10	-4.78E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	8.76E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-11	5.88E-11	8.74E-12	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	1.99E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-11	1.34E-10	1.98E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	9.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	6.58E-09	9.78E-10	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	6.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	4.47E-09	6.64E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	3.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-10	2.20E-09	3.27E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-6.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-09	-4.32E-09	-6.42E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-7.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	-5.08E-09	-7.55E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	1.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-09	1.26E-08	1.87E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	7.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	5.18E-09	7.69E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	1.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-10	8.39E-10	1.25E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-10	8.97E-10	1.33E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	4.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.15E-11	2.68E-10	3.99E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	5.29E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	3.55E-10	5.28E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	7.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	4.78E-10	7.10E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	7.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	5.14E-09	7.64E-10	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	2.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-09	1.75E-08	2.61E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	2.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-09	1.79E-08	2.67E-09	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	2.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-09	1.67E-08	2.48E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	5.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	3.55E-09	5.28E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-5.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-10	-3.58E-10	-5.32E-11	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	1.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-10	7.96E-10	1.18E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	9.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	6.43E-09	9.55E-10	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	2.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-10	1.56E-09	2.33E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	9.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-10	6.68E-10	9.92E-11	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	1.03E-09	1.52E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	1.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	7.99E-10	1.19E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	2.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-10	1.97E-09	2.92E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	5.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	3.71E-10	5.51E-11	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	2.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	1.94E-09	2.88E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	2.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-10	1.83E-09	2.72E-10	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	5.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	3.43E-09	5.10E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	8.18E-10	1.21E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	5.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	3.67E-10	5.46E-11	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	5.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	3.49E-09	5.19E-10	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-10	6.95E-10	1.03E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.18E-06	-5.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-08	-1.20E-09	-5.97E-11	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-4.77E-07	-2.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-08	-4.87E-10	-2.41E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.78E-06	8.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-08	1.82E-09	9.00E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.89E-06	8.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-08	1.93E-09	9.55E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	8.76E-07	3.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-08	8.94E-10	4.43E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	6.78E-07	3.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-08	6.92E-10	3.43E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	1.50E-07	6.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-09	1.53E-10	7.58E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-7.67E-07	-3.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-08	-7.83E-10	-3.88E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.85E-06	1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	2.91E-09	1.44E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.53E-06	1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	2.58E-09	1.28E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.54E-06	1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	2.59E-09	1.28E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	3.10E-06	1.41E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	3.16E-09	1.57E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.82E-06	2.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-07	5.94E-09	2.94E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.50E-05	6.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-07	1.53E-08	7.58E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.11E-05	5.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-07	1.13E-08	5.61E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	1.02E-05	4.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-07	1.04E-08	5.16E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.13E-05	5.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-07	1.15E-08	5.71E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.17E-05	5.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-07	1.19E-08	5.91E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.30E-05	1.50E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-06	3.37E-08	1.67E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	2.00E-05	9.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-07	2.04E-08	1.01E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.65E-05	1.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	2.71E-08	1.34E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.49E-05	1.13E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	2.54E-08	1.26E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.21E-05	3.28E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-06	7.36E-08	3.64E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.99E-05	1.81E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	4.07E-08	2.02E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	4.05E-05	1.84E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-06	4.13E-08	2.05E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.53E-05	2.06E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-06	4.62E-08	2.29E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.94E-05	2.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-06	5.04E-08	2.50E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.50E-05	-1.59E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-06	-3.57E-08	-1.77E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	2.58E-06	1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	2.63E-09	1.30E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.98E-05	-9.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.79E-07	-2.02E-08	-1.00E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	4.37E-06	1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-07	4.46E-09	2.21E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-8.27E-06	-3.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-07	-8.44E-09	-4.18E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.11E-06	9.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-08	2.15E-09	1.07E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-6.78E-07	-3.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-08	-6.92E-10	-3.43E-11	0.00E+00

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	5.82E-07	2.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	5.94E-10	2.94E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.49E-05	1.13E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	2.54E-08	1.26E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.44E-05	1.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-06	3.51E-08	1.74E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.46E-05	1.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	2.51E-08	1.24E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	8.76E-06	3.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-07	8.94E-09	4.43E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.56E-05	-7.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.92E-07	-1.59E-08	-7.89E-10	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.85E-07	8.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.21E-09	1.89E-10	9.35E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.35E-07	6.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-09	1.38E-10	6.82E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.70E-07	7.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.54E-09	1.74E-10	8.59E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	3.03E-07	1.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	3.09E-10	1.53E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	3.21E-07	1.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	3.28E-10	1.62E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.94E-07	2.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	5.04E-10	2.50E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	5.22E-07	2.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	5.33E-10	2.64E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	5.08E-07	2.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	5.19E-10	2.57E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	6.49E-07	2.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	6.63E-10	3.28E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.96E-07	8.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	2.00E-10	9.91E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.34E-07	1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	2.39E-10	1.18E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	2.47E-07	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	2.52E-10	1.25E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-5.78E-07	-2.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-08	-5.90E-10	-2.92E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	3.28E-07	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	3.35E-10	1.66E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	5.58E-07	2.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-08	5.70E-10	2.82E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.09E-05	9.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-07	2.13E-08	1.06E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.35E-05	6.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-07	1.38E-08	6.82E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	7.05E-06	3.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-07	7.20E-09	3.56E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-9.97E-06	-4.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-07	-1.02E-08	-5.04E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.19E-05	-5.41E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-07	-1.21E-08	-6.02E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.72E-05	1.69E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-06	3.80E-08	1.88E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.55E-05	7.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-07	1.58E-08	7.84E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.68E-06	1.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	2.74E-09	1.35E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.84E-06	1.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	2.90E-09	1.44E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	8.02E-07	3.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-08	8.19E-10	4.05E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.21E-06	5.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-08	1.24E-09	6.12E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.42E-06	6.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-08	1.45E-09	7.18E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.62E-05	7.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-07	1.65E-08	8.19E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.12E-05	2.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-06	5.23E-08	2.59E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.24E-05	2.38E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-06	5.35E-08	2.65E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.85E-05	2.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-06	4.95E-08	2.45E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	1.04E-05	4.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-07	1.06E-08	5.26E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	7.81E-07	3.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-08	7.97E-10	3.95E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	4.39E-06	1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	4.48E-09	2.22E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.93E-05	8.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-07	1.97E-08	9.76E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.99E-06	2.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	5.09E-09	2.52E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.19E-06	9.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-08	2.24E-09	1.11E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.33E-06	1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	3.40E-09	1.68E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.59E-06	1.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-07	2.64E-09	1.31E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	6.11E-06	2.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	6.24E-09	3.09E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.12E-06	5.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-08	1.14E-09	5.66E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	6.00E-06	2.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	6.12E-09	3.03E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.55E-06	2.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	5.67E-09	2.81E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	1.01E-05	4.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-07	1.03E-08	5.11E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	2.39E-06	1.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	2.44E-09	1.21E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.15E-06	5.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-08	1.17E-09	5.81E-11	0.00E+00
263	900	935	18540299	Cr(VI)	8.37E-06	3.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-07	8.54E-09	4.23E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.09E-06	9.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-08	2.13E-09	1.06E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-2.78E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-12	-1.82E-11	-1.35E-12	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-1.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-12	-8.38E-12	-6.23E-13	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	3.49E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-12	2.29E-11	1.70E-12	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	3.91E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-12	2.57E-11	1.91E-12	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	3.04E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-12	2.00E-11	1.48E-12	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	5.32E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-12	3.49E-11	2.59E-12	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	1.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-11	7.17E-11	5.32E-12	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	7.35E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-11	4.82E-11	3.58E-12	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	1.96E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-11	1.29E-10	9.55E-12	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	1.43E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-11	9.35E-11	6.95E-12	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	1.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-11	7.74E-11	5.75E-12	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	1.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-11	8.31E-11	6.17E-12	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	2.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-11	1.48E-10	1.10E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	4.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-11	2.93E-10	2.18E-11	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	3.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-11	2.26E-10	1.68E-11	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	3.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-11	2.12E-10	1.57E-11	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	3.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-11	2.31E-10	1.71E-11	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	3.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	2.38E-10	1.77E-11	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	9.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	5.92E-10	4.40E-11	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	6.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-11	4.11E-10	3.06E-11	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	8.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-10	5.61E-10	4.16E-11	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	9.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	6.28E-10	4.67E-11	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	2.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	1.35E-09	1.00E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-10	8.00E-10	5.94E-11	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	8.03E-10	5.97E-11	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	1.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	8.57E-10	6.37E-11	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	1.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-10	8.69E-10	6.46E-11	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-7.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-10	-5.15E-10	-3.83E-11	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	1.45E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-11	9.49E-11	7.05E-12	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-4.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.18E-11	-2.93E-10	-2.18E-11	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	1.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-11	8.40E-11	6.24E-12	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-2.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-11	-1.45E-10	-1.08E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	2.32E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-12	1.52E-11	1.13E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	8.15E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-11	5.34E-11	3.97E-12	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	1.30E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-11	8.52E-11	6.33E-12	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	6.67E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-11	4.37E-10	3.25E-11	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	9.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	6.00E-10	4.46E-11	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	9.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	6.13E-10	4.55E-11	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	2.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-11	1.87E-10	1.39E-11	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-3.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.26E-11	-2.50E-10	-1.86E-11	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	7.62E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-12	5.00E-12	3.71E-13	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	5.53E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-13	3.63E-12	2.69E-13	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	7.25E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-12	4.75E-12	3.53E-13	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	1.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-12	8.42E-12	6.25E-13	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	1.39E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-12	9.15E-12	6.79E-13	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	1.96E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-12	1.29E-11	9.55E-13	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	2.25E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-12	1.47E-11	1.09E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	2.58E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-12	1.69E-11	1.26E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	2.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-12	1.52E-11	1.13E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	8.99E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-12	5.90E-12	4.38E-13	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	1.06E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-12	6.94E-12	5.16E-13	1.66E-12

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	1.29E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-12	8.43E-12	6.27E-13	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	7.94E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-11	5.21E-11	3.87E-12	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	1.38E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-12	9.04E-12	6.72E-13	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	3.02E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-12	1.98E-11	1.47E-12	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	6.82E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.43E-11	4.48E-10	3.33E-11	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	3.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	2.38E-10	1.77E-11	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	1.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-11	1.27E-10	9.44E-12	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-2.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-11	-1.58E-10	-1.18E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-2.65E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-11	-1.74E-10	-1.29E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	6.80E-10	5.05E-11	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	4.63E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-11	3.04E-10	2.26E-11	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	9.92E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-11	6.51E-11	4.83E-12	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	1.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-11	7.03E-11	5.22E-12	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	2.83E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-12	1.86E-11	1.38E-12	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	5.37E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-12	3.52E-11	2.62E-12	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	4.84E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-12	3.18E-11	2.36E-12	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	5.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-11	3.56E-10	2.64E-11	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-10	9.16E-10	6.81E-11	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	1.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-10	9.56E-10	7.10E-11	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	1.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-10	8.35E-10	6.20E-11	2.00E-10
336	1142	615	7439921	Lead	0.0000117	3.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-11	2.03E-10	1.51E-11	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	7.70E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-11	5.05E-11	3.75E-12	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	1.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-11	1.13E-10	8.41E-12	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	5.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.82E-11	3.71E-10	2.76E-11	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	1.67E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-11	1.10E-10	8.13E-12	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	7.94E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-11	5.21E-11	3.87E-12	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	1.17E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-11	7.67E-11	5.70E-12	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	9.34E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-11	6.13E-11	4.55E-12	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	2.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-11	1.33E-10	9.85E-12	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	4.13E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-12	2.71E-11	2.01E-12	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	2.05E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-11	1.35E-10	1.00E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	1.78E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-11	1.17E-10	8.68E-12	2.80E-11
348	1577	291	7439921	Lead	0.0000109	2.88E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-11	1.89E-10	1.41E-11	4.53E-11
349	2400	240	7439921	Lead	0.00000286	7.56E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	4.96E-11	3.69E-12	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	3.91E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-12	2.57E-11	1.91E-12	6.15E-12
351	900	935	7439921	Lead	0.0000112	2.96E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-11	1.94E-10	1.44E-11	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	7.62E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	5.00E-11	3.71E-12	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000118	-9.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.34E-10	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.00000191	-1.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-10	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000032	2.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000341	2.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.0000148	1.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00001	7.92E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000418	-3.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000169	-1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000347	2.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000322	2.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000325	2.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000401	3.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000713	5.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000202	1.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000147	1.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000136	1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000153	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00016	1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000461	3.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000273	2.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000357	2.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000325	2.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00099	7.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000542	4.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000552	4.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000628	4.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000701	5.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.00049	-3.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000374	2.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000271	-2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000661	5.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000104	-8.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.23E-09	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000414	3.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.000017	-1.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000195	1.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000351	2.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.84E-04	3.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000323	2.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000133	1.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000207	-1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000249	1.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000181	1.43E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000228	1.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000409	3.24E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000437	3.46E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000699	5.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000736	5.83E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000677	5.36E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.0000104	8.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.23E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000257	2.03E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000306	2.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000337	2.67E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000151	-1.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000469	3.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000699	5.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000284	2.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.00019	1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000996	7.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000131	-1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000159	-1.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000513	4.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000213	1.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000355	2.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000374	2.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.0000106	8.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000156	1.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000188	1.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000219	1.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000707	5.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000721	5.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000675	5.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000142	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000127	1.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000637	5.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000265	2.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000677	5.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000295	2.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000449	3.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000348	2.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000825	6.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000148	1.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000804	6.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000075	5.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000138	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000032	2.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000154	1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000103	8.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000274	2.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0686	6.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0646	6.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0942	9.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.105	1.00E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0428	4.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.037	3.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00131	1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0304	-2.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0422	4.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0256	2.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00654	6.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000824	7.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-08	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0631	-6.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.04E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0295	-2.82E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0166	-1.59E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.000831	-7.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-08	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.01	9.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0183	1.75E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0771	7.38E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0385	3.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0191	1.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0236	2.26E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.02	1.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0387	3.70E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0597	5.71E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.125	1.20E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.249	2.38E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0275	2.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0201	-1.92E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0125	-1.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0602	5.76E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.148	1.42E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.143	1.37E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0331	-3.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.00345	-3.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.30E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	4.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0825	7.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0282	2.70E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.206	1.97E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0205	1.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000828	7.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000589	5.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000985	9.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.43E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00261	2.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00268	2.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00601	5.75E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00828	7.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00726	6.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0244	2.34E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000997	9.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.54E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00106	1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00427	4.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0288	-2.76E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00606	5.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.0022	2.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0524	5.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-06	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0172	1.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0379	3.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0405	3.88E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.00363	3.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-07	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0112	1.07E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0115	1.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00425	4.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00389	3.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000878	8.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00227	2.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000932	8.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-08	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0291	2.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00847	8.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.11E-07	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00259	2.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00153	-1.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0116	1.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0374	3.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0659	6.31E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0114	1.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00918	8.79E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00517	4.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00695	6.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.65E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00534	5.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00749	7.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000916	8.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.77E-08	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.0062	5.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00408	3.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00427	4.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00126	1.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.002	1.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00222	2.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00356	3.41E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00151	7.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00142	7.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.41E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00191	9.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00216	1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00178	9.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00532	2.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00653	3.41E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00423	2.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00586	3.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00386	2.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00236	1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00184	9.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	6.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000332	1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000715	3.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	5.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00131	6.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00161	8.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00359	1.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00579	3.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00981	5.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00705	3.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00724	3.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00716	3.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00688	3.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00716	3.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00394	2.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00301	1.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00121	6.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000993	5.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00258	1.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00206	1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00454	2.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00534	2.79E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000546	2.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00177	9.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	8.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00597	3.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000988	5.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000132	6.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.89E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.000083	4.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000123	6.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000264	1.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000293	1.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00043	2.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000615	3.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000722	3.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000937	4.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000177	9.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000208	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000489	2.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00444	2.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000452	2.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000887	4.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00821	4.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000984	5.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000414	2.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00152	7.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00216	1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00392	2.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.003	1.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	7.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	8.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	1.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	5.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000439	2.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	3.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.0017	8.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00403	2.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000558	-2.91E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.0011	5.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00418	2.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	2.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00383	2.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	1.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	6.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	9.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	2.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	7.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00111	5.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000503	2.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	2.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	5.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	4.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00314	2.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00322	2.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00503	4.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00571	4.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00448	3.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0133	1.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.016	1.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00982	8.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	1.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	8.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00547	4.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00402	3.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00154	1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.0023	-2.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000202	1.76E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00171	1.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00219	1.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00305	2.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00748	6.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0226	1.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0503	4.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0116	1.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0131	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0123	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0115	1.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.014	1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.97E-03	4.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.11E-03	1.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.33E-03	-2.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-7.18E-04	-6.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.25E-10	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	5.00E-03	4.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	5.47E-03	4.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.07E-02	9.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.31E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.28E-02	1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00133	-1.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.54E-03	2.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	3.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.10E-02	9.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00259	-2.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.98E-04	2.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000186	1.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000276	2.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000614	5.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000673	5.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000968	8.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.42E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00145	1.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00174	1.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00233	2.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000411	3.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000485	4.22E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.17E-03	1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0105	9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	1.08E-03	9.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00142	1.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000645	-5.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.61E-10	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000531	4.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000959	8.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.34E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00774	6.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.73E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00623	5.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	3.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	3.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00068	5.92E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00254	2.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000992	8.63E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	1.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000878	7.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00627	5.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00467	-4.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.06E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00196	1.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00915	7.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	1.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00865	7.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.53E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00496	4.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00296	2.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	3.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	3.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00581	5.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	9.48E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00593	5.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00325	2.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00208	1.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	9.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.001	8.70E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00206	1.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.002	1.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00718	-6.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.25E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00338	-2.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.0044	3.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0053	4.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.00151	1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00298	2.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.0000148	1.29E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00723	-6.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.29E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00145	1.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00105	-9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.14E-09	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00415	-3.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.0064	-5.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.57E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0163	-1.42E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0304	-2.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0199	-1.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.014	-1.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0131	-1.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0114	-9.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.017	-1.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0123	-1.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0192	-1.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00685	-5.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0733	-6.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0598	-5.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.20E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0668	-5.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0685	-5.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0456	-3.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0602	-5.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0674	-5.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.86E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0804	-6.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.99E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0403	-3.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0169	-1.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00534	4.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.94E-03	-5.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-4.13E-03	-3.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.59E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.41E-02	-2.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.97E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.29E-02	-1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.99E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.30E-02	-1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.72E-02	-4.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.41E-02	-5.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.58E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.18E-04	-2.77E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.30E-04	-2.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.41E-04	-2.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.97E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-4.28E-04	-3.72E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.01E-04	-5.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.12E-03	-9.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.74E-09	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-6.96E-04	-6.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.06E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-4.13E-04	-3.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.59E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	4.25E-04	3.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.07E-04	-2.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.38E-04	-2.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-3.82E-04	-3.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-5.42E-03	-4.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-3.55E-04	-3.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.42E-03	-1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.54E-02	-1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.28E-02	-1.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.12E-02	-1.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.10E-02	-3.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.57E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.54E-02	-4.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.82E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.40E-02	-2.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.45E-02	-1.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.74E-04	-8.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.47E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.22E-03	-1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.68E-04	-4.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.94E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.51E-03	-2.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.08E-03	-9.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.40E-09	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.45E-03	-8.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.22E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.21E-02	-3.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.62E-02	-4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.22E-02	-3.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.48E-03	-8.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.14E-03	-7.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.51E-03	-8.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.27E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.37E-03	-2.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.42E-03	-1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.93E-03	-1.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.26E-03	-1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.54E-03	-2.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.35E-04	-7.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.26E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.36E-03	-2.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.38E-03	-2.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.28E-03	-7.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.20E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.91E-03	-1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.87E-04	-5.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.58E-03	-5.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.72E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.47E-03	-1.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.45E-03	-1.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.29E-03	-9.76E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-10	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	9.44E-04	7.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	1.17E-03	8.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	1.06E-04	8.02E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.02E-11	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.48E-04	-1.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.27E-03	-9.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.61E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.99E-03	-2.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.13E-04	-5.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.40E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.07E-03	-8.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.10E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.71E-03	-1.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.28E-03	-1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00512	-3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00913	-6.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.91E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00609	-4.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00442	-3.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00419	-3.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00373	-2.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00579	-4.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00483	-3.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00767	-5.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.0061	-4.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0234	-1.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0194	-1.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0214	-1.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0219	-1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0151	-1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0188	-1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0208	-1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0243	-1.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0123	-9.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.31E-09	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00558	-4.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.0012	9.08E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00267	-2.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00228	-1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0103	-7.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.80E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00721	-5.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00711	-5.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.38E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0153	-1.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0194	-1.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000121	-9.16E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.16E-11	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000852	-6.45E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000126	-9.54E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.54E-11	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.00018	-1.36E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000237	-1.79E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000421	-3.19E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000329	-2.49E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000265	-2.01E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000557	-4.22E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-11	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000127	-9.61E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.61E-11	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000142	-1.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00021	-1.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.49E-03	-1.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.95E-04	-1.48E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.00E-04	-4.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.54E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.22E-03	-4.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00402	-3.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00644	-4.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.87E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0126	-9.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.54E-09	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.017	-1.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00795	-6.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.94E-03	-3.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.74E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.90E-04	-4.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.47E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000671	-5.08E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000228	-1.73E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00097	-7.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.34E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000409	-3.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00422	-3.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.013	-9.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.84E-09	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0146	-1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0125	-9.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00306	-2.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00511	-3.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00372	-2.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0036	-2.72E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00143	-1.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.00067	-5.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.07E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000928	-7.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.02E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000669	-5.06E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.24E-03	-9.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.39E-10	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.43E-04	-2.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00119	-9.01E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.01E-10	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00129	-9.76E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-10	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.0027	-2.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.71E-04	-5.08E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.90E-04	-2.20E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.18E-03	-1.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000608	-4.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.60E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.0101	1.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00985	1.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0142	2.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0161	2.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0129	2.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0386	7.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.047	8.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.59E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0297	5.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	5.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	3.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	2.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00656	1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00291	-5.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.32E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00309	5.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00678	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00806	1.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0104	1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.41E-02	4.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0404	7.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0686	1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	2.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.31E-02	7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0459	8.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.46E-02	8.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.24E-02	7.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0468	8.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0222	4.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0147	2.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000368	6.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-10	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00297	5.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0168	3.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0153	2.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0321	5.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.038	6.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000398	7.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0103	1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	2.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0381	6.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000473	8.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-10	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000914	1.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000574	1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000852	1.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.85E-03	3.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00205	3.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00298	5.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00435	7.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00515	9.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00678	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.24E-03	2.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00146	2.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00348	6.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0314	5.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00322	5.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00624	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00576	1.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000781	1.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00671	1.2259E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2259E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00979	1.7886E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7886E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0257	4.6954E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6954E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0201	3.6723E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6723E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	1.9914E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9914E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	2.028E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.028E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	3.7636E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7636E-09	0	0	0

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00777	1.4196E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4196E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	5.5541E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5541E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	9.1167E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1167E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00787	1.4378E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4378E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0242	4.4213E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4213E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00838	-1.531E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.531E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00694	1.2679E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2679E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0286	5.2252E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2252E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	6.4493E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4493E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	4.8416E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8416E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.015	2.7405E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7405E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00886	1.6187E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6187E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	2.302E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.302E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.9184E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9184E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	3.1607E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1607E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	6.0474E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0474E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	3.2338E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2338E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00994	1.816E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.816E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00715	1.3063E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3063E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00342	6.2483E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2483E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00302	5.5175E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5175E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00687	1.2551E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2551E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	1.1017E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1017E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000208	-2.1715E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1715E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.000073	7.6212E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6212E-10	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000811	8.4668E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4668E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000943	9.8449E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8449E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000549	5.7316E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7316E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00152	1.5869E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5869E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00158	1.6495E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6495E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000445	4.6458E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6458E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00153	1.5973E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5973E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000848	8.8531E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8531E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000239	2.4952E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4952E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000651	-6.7964E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.7964E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00102	-1.0649E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0649E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00242	-2.5265E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5265E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00141	-1.472E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.472E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000839	-8.7592E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.7592E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000729	-7.6108E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6108E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00052	-5.4288E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4288E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000487	-5.0843E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0843E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000415	4.3326E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3326E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000838	8.7487E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7487E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00445	4.6458E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6458E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00414	-4.3222E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3222E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00302	-3.1529E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1529E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.0036	-3.7584E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7584E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.0038	-3.9672E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9672E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00191	-1.994E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.994E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00384	-4.009E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.009E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00464	-4.8442E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8442E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00611	-6.3788E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3788E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00297	-3.1007E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1007E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000728	-7.6003E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6003E-09	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000922	9.6257E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6257E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000623	6.5041E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5041E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000959	1.0012E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0012E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00259	-2.704E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.704E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.0014	-1.4616E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4616E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00292	3.0485E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0485E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00232	-2.4221E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4221E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00487	-5.0843E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0843E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000639	6.6712E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6712E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.00000172	1.7957E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7957E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.00000261	2.7248E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7248E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000296	3.0902E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0902E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000229	2.3908E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3908E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000143	1.4929E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4929E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000929	9.6988E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6988E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000141	1.472E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.472E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.00026	2.7144E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7144E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000183	1.9105E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9105E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000233	2.4325E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4325E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000875	9.135E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.135E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000639	6.6712E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6712E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000808	8.4355E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4355E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000101	1.0544E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0544E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000754	7.8718E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8718E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00078	-8.1432E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.1432E-09	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00159	-1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.0029	-3.0276E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0276E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.0039	-4.0716E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0716E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000963	-1.0054E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0054E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000434	-4.531E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.531E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.00029	3.0276E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0276E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000279	2.9128E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9128E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000026	2.7144E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7144E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000699	7.2976E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2976E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00002	2.088E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.088E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000954	9.9598E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9598E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00294	-3.0694E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0694E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00271	-2.8292E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8292E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.0035	-3.654E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.654E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.00049	-5.1156E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1156E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000132	-1.3781E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3781E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000488	5.0947E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0947E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000166	1.733E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.733E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000245	2.5578E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5578E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000189	1.9732E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9732E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000275	2.871E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.871E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000258	2.6935E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6935E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000388	4.0507E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0507E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000474	4.9486E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9486E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000413	4.3117E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3117E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000756	7.8926E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8926E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000392	-4.0925E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0925E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000308	-3.2155E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2155E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000489	5.1052E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1052E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000271	-2.8292E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8292E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000905	9.4482E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4482E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.00542	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00932	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0279	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0305	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0132	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.011	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00062	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00684	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0233	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0193	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0161	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 2:18:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0181	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0216	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0815	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.059	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0559	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0656	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0712	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.213	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.125	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.158	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.434	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.24	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.247	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.29	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.344	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.204	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0315	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.101	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0427	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0225	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0396	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00888	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00501	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.169	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.226	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0908	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0659	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.00133	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000947	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00127	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00227	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00255	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00437	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00482	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00425	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00841	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.0016	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00232	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0076	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00312	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00381	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.133	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0879	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0487	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0373	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0484	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.227	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0955	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0163	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.017	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00454	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00742	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00805	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.101	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.31	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.315	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.297	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0615	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.018	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0425	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.118	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0318	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0141	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0213	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0164	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0377	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00638	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0334	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0606	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0136	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00705	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0278	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0118	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-09	-1.21E-08	-7.96E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-09	-8.38E-09	-5.50E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	8.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	6.48E-10	4.25E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	1.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-11	1.42E-10	9.30E-12	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	7.54E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	6.09E-11	4.00E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-1.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	-1.52E-09	-9.98E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-4.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.72E-10	-3.32E-09	-2.18E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-7.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-09	-6.39E-09	-4.19E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	7.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	6.05E-09	3.97E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-09	7.39E-09	4.85E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-09	9.98E-09	6.55E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	1.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	1.36E-08	8.93E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	3.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-09	3.23E-08	2.12E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	9.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	7.60E-08	4.99E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	6.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-09	5.57E-08	3.66E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	5.01E-08	3.29E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	6.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.37E-09	5.44E-08	3.57E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	6.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.52E-09	5.53E-08	3.63E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	1.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	1.53E-07	1.00E-08	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	9.16E-08	6.01E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	1.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	1.24E-07	8.13E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	1.12E-07	7.34E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	4.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-08	3.46E-07	2.27E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	2.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-08	1.88E-07	1.24E-08	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	2.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	1.90E-07	1.25E-08	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	2.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	2.09E-07	1.37E-08	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	2.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-08	2.18E-07	1.43E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-2.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-08	-1.80E-07	-1.18E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	2.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	1.62E-09	1.06E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-08	-1.08E-07	-7.11E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	1.27E-08	8.33E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-6.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.30E-09	-5.40E-08	-3.54E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-2.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-10	-1.77E-09	-1.16E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-6.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.41E-10	-4.88E-09	-3.20E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-3.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-10	-2.47E-09	-1.62E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	1.12E-07	7.34E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	1.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-08	1.59E-07	1.04E-08	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	1.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-08	1.11E-07	7.26E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	2.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-09	2.17E-08	1.43E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	-9.11E-08	-5.98E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	8.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	6.91E-10	4.53E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	6.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-11	5.18E-10	3.40E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	7.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	5.96E-10	3.91E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	1.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	1.07E-09	7.00E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	1.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	1.05E-09	6.89E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	1.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-10	1.46E-09	9.55E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	1.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-10	1.37E-09	8.98E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-10	1.40E-09	9.15E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	8.77E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	7.08E-10	4.65E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	8.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	7.04E-10	4.62E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	1.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-10	8.73E-10	5.73E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	6.68E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-11	5.40E-10	3.54E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-5.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-10	-4.54E-09	-2.98E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	1.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	8.29E-10	5.44E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	2.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	1.88E-09	1.24E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	9.29E-08	6.09E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	7.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	6.31E-08	4.14E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	3.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-09	3.10E-08	2.04E-09	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-7.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	-6.09E-08	-4.00E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-8.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	-7.17E-08	-4.71E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	2.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	1.78E-07	1.16E-08	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	9.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	7.30E-08	4.79E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	1.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	1.18E-08	7.77E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-09	1.27E-08	8.30E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	4.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-10	3.78E-09	2.48E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	6.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	5.01E-09	3.29E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	8.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	6.74E-09	4.42E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	8.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	7.26E-08	4.76E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	3.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-08	2.48E-07	1.62E-08	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	3.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-08	2.53E-07	1.66E-08	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	2.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-08	2.35E-07	1.54E-08	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	5.01E-08	3.29E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-6.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-10	-5.05E-09	-3.32E-10	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	1.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-09	1.12E-08	7.37E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-08	9.07E-08	5.95E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	2.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-09	2.21E-08	1.45E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	9.42E-09	6.18E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	1.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-09	1.45E-08	9.49E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-09	1.13E-08	7.40E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	3.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-09	2.77E-08	1.82E-09	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	6.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.00E-10	5.23E-09	3.43E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	3.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.72E-09	2.74E-08	1.80E-09	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	3.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-09	2.58E-08	1.69E-09	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	5.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.33E-09	4.84E-08	3.17E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	1.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	1.15E-08	7.57E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	6.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-10	5.18E-09	3.40E-10	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	6.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-09	4.92E-08	3.23E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	9.81E-09	6.43E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.18E-06	-3.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	-1.70E-08	-3.72E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-4.77E-07	-1.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-07	-6.87E-09	-1.50E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.78E-06	5.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-07	2.56E-08	5.61E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.89E-06	6.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-07	2.72E-08	5.95E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	8.76E-07	2.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-07	1.26E-08	2.76E-10	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	6.78E-07	2.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	9.76E-09	2.14E-10	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	1.50E-07	4.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-08	2.16E-09	4.72E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-7.67E-07	-2.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-07	-1.10E-08	-2.42E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.85E-06	9.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-07	4.10E-08	8.98E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.53E-06	8.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-07	3.64E-08	7.97E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.54E-06	8.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-07	3.66E-08	8.00E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	3.10E-06	1.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-07	4.46E-08	9.76E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.82E-06	1.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-06	8.38E-08	1.83E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.50E-05	4.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-06	2.16E-07	4.72E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.11E-05	3.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-06	1.60E-07	3.50E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	1.02E-05	3.37E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-06	1.47E-07	3.21E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.13E-05	3.74E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-06	1.63E-07	3.56E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.17E-05	3.87E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-06	1.68E-07	3.68E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.30E-05	1.09E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-05	4.75E-07	1.04E-08	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	2.00E-05	6.62E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-06	2.88E-07	6.30E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.65E-05	8.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.38E-06	3.82E-07	8.35E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.49E-05	8.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-06	3.59E-07	7.84E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.21E-05	2.39E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-05	1.04E-06	2.27E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.99E-05	1.32E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-05	5.75E-07	1.26E-08	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	4.05E-05	1.34E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-05	5.83E-07	1.28E-08	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.53E-05	1.50E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-05	6.52E-07	1.43E-08	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.94E-05	1.63E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-05	7.11E-07	1.56E-08	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.50E-05	-1.16E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-05	-5.04E-07	-1.10E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	2.58E-06	8.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-07	3.71E-08	8.13E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.98E-05	-6.55E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-06	-2.85E-07	-6.24E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	4.37E-06	1.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-06	6.29E-08	1.38E-09	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-8.27E-06	-2.74E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.61E-06	-1.19E-07	-2.60E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.11E-06	6.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-07	3.04E-08	6.64E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-6.78E-07	-2.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-07	-9.76E-09	-2.14E-10	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	5.82E-07	1.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	8.38E-09	1.83E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.49E-05	8.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-06	3.59E-07	7.84E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.44E-05	1.14E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-05	4.95E-07	1.08E-08	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.46E-05	8.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-06	3.54E-07	7.75E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	8.76E-06	2.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-06	1.26E-07	2.76E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.56E-05	-5.16E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-06	-2.25E-07	-4.91E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.85E-07	6.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-08	2.66E-09	5.83E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.35E-07	4.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-08	1.94E-09	4.25E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.70E-07	5.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-08	2.45E-09	5.35E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	3.03E-07	1.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-08	4.36E-09	9.54E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	3.21E-07	1.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	4.62E-09	1.01E-10	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.94E-07	1.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	7.11E-09	1.56E-10	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	5.22E-07	1.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	7.52E-09	1.64E-10	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	5.08E-07	1.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	7.31E-09	1.60E-10	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	6.49E-07	2.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	9.34E-09	2.04E-10	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.96E-07	6.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-08	2.82E-09	6.17E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.34E-07	7.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-08	3.37E-09	7.37E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	2.47E-07	8.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-08	3.56E-09	7.78E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-5.78E-07	-1.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-07	-8.32E-09	-1.82E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	3.28E-07	1.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	4.72E-09	1.03E-10	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	5.58E-07	1.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	8.03E-09	1.76E-10	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.09E-05	6.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-06	3.01E-07	6.58E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.35E-05	4.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-06	1.94E-07	4.25E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	7.05E-06	2.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	1.02E-07	2.22E-09	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-9.97E-06	-3.30E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-06	-1.44E-07	-3.14E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.19E-05	-3.94E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.76E-06	-1.71E-07	-3.75E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.72E-05	1.23E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-05	5.36E-07	1.17E-08	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.55E-05	5.13E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-06	2.23E-07	4.88E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.68E-06	8.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-07	3.86E-08	8.44E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.84E-06	9.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-07	4.09E-08	8.94E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	8.02E-07	2.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-07	1.15E-08	2.53E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.21E-06	4.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-07	1.74E-08	3.81E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.42E-06	4.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-07	2.04E-08	4.47E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.62E-05	5.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-06	2.33E-07	5.10E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.12E-05	1.69E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-05	7.37E-07	1.61E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.24E-05	1.73E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-05	7.55E-07	1.65E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	4.85E-05	1.60E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-05	6.98E-07	1.53E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	1.04E-05	3.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-06	1.50E-07	3.28E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	7.81E-07	2.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-07	1.12E-08	2.46E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	4.39E-06	1.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	6.32E-08	1.38E-09	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.93E-05	6.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-06	2.78E-07	6.08E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.99E-06	1.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-06	7.19E-08	1.57E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.19E-06	7.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-07	3.15E-08	6.90E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.33E-06	1.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	4.79E-08	1.05E-09	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.59E-06	8.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.19E-07	3.73E-08	8.16E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	6.11E-06	2.02E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-06	8.80E-08	1.92E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.12E-06	3.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-07	1.61E-08	3.53E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	6.00E-06	1.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-06	8.64E-08	1.89E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.55E-06	1.84E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-06	7.99E-08	1.75E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	1.01E-05	3.34E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-06	1.45E-07	3.18E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	2.39E-06	7.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-07	3.44E-08	7.53E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.15E-06	3.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-07	1.66E-08	3.62E-10	0.00E+00
263	900	935	18540299	Cr(VI)	8.37E-06	2.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-06	1.21E-07	2.64E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.09E-06	6.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-07	3.01E-08	6.58E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-2.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-11	-2.57E-10	-8.43E-12	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-1.37E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-11	-1.18E-10	-3.88E-12	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	3.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-11	3.23E-10	1.06E-11	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	4.19E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-11	3.62E-10	1.19E-11	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	3.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-11	2.82E-10	9.24E-12	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	5.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-11	4.92E-10	1.61E-11	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	1.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	1.01E-09	3.32E-11	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	7.87E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-11	6.80E-10	2.23E-11	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	2.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-10	1.81E-09	5.95E-11	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	1.32E-09	4.33E-11	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	1.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-10	1.09E-09	3.58E-11	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	1.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	1.17E-09	3.85E-11	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	2.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-10	2.08E-09	6.83E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	4.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	4.14E-09	1.36E-10	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	3.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-10	3.18E-09	1.04E-10	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	3.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-10	2.99E-09	9.80E-11	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	3.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	3.26E-09	1.07E-10	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-10	3.35E-09	1.10E-10	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	9.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-10	8.35E-09	2.74E-10	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	6.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-10	5.80E-09	1.90E-10	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.41E-10	7.91E-09	2.59E-10	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-10	8.86E-09	2.91E-10	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	2.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	1.90E-08	6.24E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	1.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	1.13E-08	3.70E-10	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	1.13E-08	3.72E-10	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	1.21E-08	3.97E-10	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	1.23E-08	4.02E-10	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-8.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.73E-10	-7.27E-09	-2.39E-10	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	1.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	1.34E-09	4.39E-11	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-4.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-10	-4.14E-09	-1.36E-10	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	1.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	1.18E-09	3.89E-11	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-2.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-10	-2.05E-09	-6.71E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	2.48E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-11	2.15E-10	7.04E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	8.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.02E-11	7.54E-10	2.47E-11	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	1.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-10	1.20E-09	3.94E-11	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	7.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-10	6.17E-09	2.02E-10	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	9.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-10	8.47E-09	2.78E-10	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	9.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-10	8.64E-09	2.83E-10	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	3.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-10	2.64E-09	8.67E-11	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-4.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-10	-3.52E-09	-1.16E-10	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	8.15E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-12	7.05E-11	2.31E-12	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	5.91E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-12	5.12E-11	1.68E-12	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	7.75E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-12	6.71E-11	2.20E-12	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	1.37E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	1.19E-10	3.89E-12	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	1.49E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-11	1.29E-10	4.23E-12	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	2.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-11	1.81E-10	5.95E-12	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	2.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-11	2.08E-10	6.82E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	2.76E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-11	2.39E-10	7.84E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	2.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-11	2.14E-10	7.01E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	9.62E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.85E-12	8.32E-11	2.73E-12	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	1.13E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-11	9.79E-11	3.21E-12	1.66E-12

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	1.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-11	1.19E-10	3.90E-12	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	8.49E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-11	7.34E-10	2.41E-11	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	1.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	1.28E-10	4.18E-12	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	3.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-11	2.79E-10	9.15E-12	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	7.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-10	6.32E-09	2.07E-10	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-10	3.35E-09	1.10E-10	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	2.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	1.79E-09	5.88E-11	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-2.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-10	-2.23E-09	-7.32E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-2.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-10	-2.45E-09	-8.03E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	9.60E-09	3.15E-10	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	4.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-10	4.28E-09	1.41E-10	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	1.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-11	9.18E-10	3.01E-11	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	1.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	9.91E-10	3.25E-11	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	3.03E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-11	2.62E-10	8.59E-12	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	5.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-11	4.97E-10	1.63E-11	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	5.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-11	4.48E-10	1.47E-11	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	5.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-10	5.02E-09	1.65E-10	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	1.29E-08	4.24E-10	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	1.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	1.35E-08	4.42E-10	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	1.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	1.18E-08	3.86E-10	2.00E-10
336	1142	615	7439921	Lead	0.0000117	3.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-10	2.86E-09	9.40E-11	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	8.24E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.58E-11	7.12E-10	2.34E-11	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	1.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-10	1.60E-09	5.24E-11	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	6.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-10	5.24E-09	1.72E-10	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	1.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	1.54E-09	5.07E-11	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	8.49E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-11	7.34E-10	2.41E-11	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	1.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	1.08E-09	3.55E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	9.99E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-11	8.64E-10	2.83E-11	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	2.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-10	1.87E-09	6.14E-11	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	4.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-11	3.82E-10	1.25E-11	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	2.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-10	1.90E-09	6.23E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	1.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	1.65E-09	5.40E-11	2.80E-11
348	1577	291	7439921	Lead	0.0000109	3.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	2.67E-09	8.75E-11	4.53E-11
349	2400	240	7439921	Lead	0.00000286	8.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-11	7.00E-10	2.30E-11	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	4.19E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-11	3.62E-10	1.19E-11	6.15E-12
351	900	935	7439921	Lead	0.0000112	3.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-10	2.74E-09	8.99E-11	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	8.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-11	7.05E-10	2.31E-11	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000118	-6.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.66E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.00000191	-1.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000032	1.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000341	1.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.0000148	8.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00001	5.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000418	-2.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000169	-9.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.53E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000347	1.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000322	1.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000325	1.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000401	2.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000713	4.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000202	1.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000147	8.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000136	7.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000153	8.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00016	9.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000461	2.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000273	1.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000357	2.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000325	1.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00099	5.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000542	3.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000552	3.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000628	3.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000701	3.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.00049	-2.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000374	2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000271	-1.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000661	3.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000104	-5.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.87E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000414	2.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.000017	-9.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.59E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000195	1.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000351	1.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.84E-04	2.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000323	1.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000133	7.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000207	-1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000249	1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000181	1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000228	1.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000409	2.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-09	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000437	2.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000699	3.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000736	4.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000677	3.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.0000104	5.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000257	1.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-09	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000306	1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000337	1.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-09	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000151	-8.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.52E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000469	2.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000699	3.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000284	1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.00019	1.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000996	5.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000131	-7.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000159	-8.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.97E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000513	2.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000213	1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000355	2.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000374	2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.0000106	5.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000156	8.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.80E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000188	1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000219	1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000707	3.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000721	4.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000675	3.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000142	8.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000127	7.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000637	3.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000265	1.49E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000677	3.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000295	1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000449	2.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000348	1.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000825	4.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000148	8.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000804	4.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000075	4.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000138	7.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000032	1.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000154	8.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.69E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000103	5.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000274	1.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0686	4.68E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0646	4.40E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0942	6.42E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.105	7.16E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0428	2.92E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-05	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.037	2.52E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-05	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00131	8.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-07	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0304	-2.07E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0422	2.88E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0256	1.75E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00654	4.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000824	5.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0631	-4.30E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0295	-2.01E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0166	-1.13E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.000831	-5.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.67E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.01	6.82E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0183	1.25E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-05	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0771	5.26E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0385	2.63E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-05	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0191	1.30E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-05	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0236	1.61E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-05	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.02	1.36E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0387	2.64E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0597	4.07E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.125	8.52E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.249	1.70E-04	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-04	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0275	1.88E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0201	-1.37E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0125	-8.52E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.52E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0602	4.10E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.148	1.01E-04	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-04	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.143	9.75E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.75E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0331	-2.26E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.00345	-2.35E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	2.91E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-05	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0825	5.63E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0282	1.92E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-05	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.206	1.40E-04	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0205	1.40E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000828	5.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000589	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000985	6.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00261	1.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-06	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00268	1.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00601	4.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00828	5.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00726	4.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0244	1.66E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-05	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000997	6.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00106	7.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00427	2.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0288	-1.96E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00606	4.13E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.0022	1.50E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0524	3.57E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0172	1.17E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-05	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0379	2.58E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-05	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0405	2.76E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.00363	2.48E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0112	7.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0115	7.84E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00425	2.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00389	2.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000878	5.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00227	1.55E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000932	6.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0291	1.98E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-05	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00847	5.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00259	1.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00153	-1.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0116	7.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0374	2.55E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0659	4.49E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0114	7.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00918	6.26E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00517	3.53E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00695	4.74E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00534	3.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00749	5.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000916	6.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.0062	4.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00408	2.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00427	2.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00126	8.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.59E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.002	1.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00222	1.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00356	2.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00151	5.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00142	5.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00191	7.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00216	8.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00178	6.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00532	1.98E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00653	2.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00423	1.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00586	2.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00386	1.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00236	8.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.78E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00184	6.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	4.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000332	1.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000715	2.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	4.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00131	4.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00161	5.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00359	1.34E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00579	2.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00981	3.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	7.70E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00705	2.62E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00724	2.69E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00716	2.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00688	2.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00716	2.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00394	1.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00301	1.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00121	4.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000993	3.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00258	9.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00206	7.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00454	1.69E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00534	1.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000546	2.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00177	6.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	6.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00597	2.22E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000988	3.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000132	4.91E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.000083	3.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000123	4.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000264	9.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.82E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000293	1.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00043	1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000615	2.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000722	2.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000937	3.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000177	6.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000208	7.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.74E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000489	1.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00444	1.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000452	1.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000887	3.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00821	3.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000984	3.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000414	1.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00152	5.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00216	8.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00392	1.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.003	1.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	5.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	5.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	1.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	4.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000439	1.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	2.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.0017	6.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00403	1.50E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000558	-2.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.08E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.0011	4.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00418	1.55E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	1.87E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00383	1.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	7.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	4.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	6.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	5.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	9.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	1.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	9.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	5.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00111	4.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000503	1.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	3.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	3.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00314	1.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00322	2.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00503	3.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00571	3.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00448	2.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0133	8.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.016	9.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.92E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00982	6.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	8.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	5.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00547	3.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00402	2.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00154	9.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.0023	-1.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000202	1.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00171	1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00219	1.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00305	1.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00748	4.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	8.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0226	1.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0503	3.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0116	7.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0131	8.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0123	7.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0115	7.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.014	8.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.68E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.97E-03	3.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.11E-03	1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.33E-03	-2.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-7.18E-04	-4.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	5.00E-03	3.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	5.47E-03	3.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.07E-02	6.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.28E-02	7.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00133	-8.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.24E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.54E-03	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	2.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.10E-02	6.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00259	-1.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.98E-04	1.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000186	1.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000276	1.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000614	3.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000673	4.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000968	6.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00145	8.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00174	1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00233	1.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000411	2.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000485	3.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.17E-03	7.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0105	6.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	1.08E-03	6.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00142	8.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.80E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000645	-4.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000531	3.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000959	5.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00774	4.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00623	3.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	2.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	2.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00068	4.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00254	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000992	6.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000878	5.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00627	3.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00467	-2.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.89E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00196	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00915	5.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	7.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00865	5.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00496	3.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00296	1.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	2.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	2.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00581	3.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	6.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00593	3.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00325	2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00208	1.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	6.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.001	6.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00206	1.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.002	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00718	-4.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00338	-2.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.0044	2.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0053	3.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-07	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.00151	9.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00298	1.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.0000148	9.17E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.17E-10	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00723	-4.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00145	8.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00105	-6.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.51E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00415	-2.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.57E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.0064	-3.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0163	-1.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0304	-1.88E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0199	-1.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.014	-8.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.68E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0131	-8.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0114	-7.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.07E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.017	-1.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0123	-7.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.62E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0192	-1.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00685	-4.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0733	-4.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.54E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0598	-3.71E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0668	-4.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0685	-4.25E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0456	-2.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0602	-3.73E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0674	-4.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0804	-4.98E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.98E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0403	-2.50E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.50E-06	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0169	-1.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00534	3.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.94E-03	-3.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-4.13E-03	-2.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.41E-02	-2.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.29E-02	-1.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.30E-02	-8.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.06E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.72E-02	-2.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.41E-02	-3.97E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.18E-04	-1.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.30E-04	-1.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.41E-04	-2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-4.28E-04	-2.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.65E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.01E-04	-3.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.12E-03	-6.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.94E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-6.96E-04	-4.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-4.13E-04	-2.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	4.25E-04	2.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.07E-04	-1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.38E-04	-2.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-3.82E-04	-2.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-5.42E-03	-3.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.36E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-3.55E-04	-2.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.42E-03	-8.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.80E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.54E-02	-9.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.55E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.28E-02	-7.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.12E-02	-1.31E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.10E-02	-2.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.54E-02	-3.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.40E-02	-1.49E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.45E-02	-8.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.99E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.74E-04	-6.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.04E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.22E-03	-7.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.56E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.68E-04	-3.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.51E-03	-1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.08E-03	-6.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.45E-03	-5.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.86E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.21E-02	-2.61E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.61E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.62E-02	-2.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.86E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.22E-02	-2.62E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.48E-03	-5.88E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.88E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-8.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.86E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.14E-03	-5.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.67E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.51E-03	-5.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.89E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.37E-03	-2.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.42E-03	-8.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.80E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.93E-03	-1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.26E-03	-7.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.54E-03	-1.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.35E-04	-5.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.36E-03	-1.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.38E-03	-2.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.28E-03	-5.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.91E-03	-1.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.87E-04	-4.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.58E-03	-4.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.08E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.47E-03	-9.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.11E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.45E-03	-1.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.29E-03	-6.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	9.44E-04	5.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	1.17E-03	6.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	1.06E-04	5.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.48E-04	-7.98E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.98E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.27E-03	-6.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.99E-03	-1.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.13E-04	-3.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.07E-03	-5.77E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.77E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.71E-03	-9.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.22E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.28E-03	-1.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00512	-2.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00913	-4.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00609	-3.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00442	-2.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00419	-2.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00373	-2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00579	-3.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00483	-2.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00767	-4.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.0061	-3.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0234	-1.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0194	-1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0214	-1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0219	-1.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0151	-8.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.14E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0188	-1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0208	-1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0243	-1.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0123	-6.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.63E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00558	-3.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.0012	6.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00267	-1.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00228	-1.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0103	-5.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00721	-3.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.89E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00711	-3.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0153	-8.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0194	-1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000121	-6.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000852	-4.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.59E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000126	-6.79E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.79E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.00018	-9.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.71E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000237	-1.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000421	-2.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000329	-1.77E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000265	-1.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-09	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000557	-3.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000127	-6.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000142	-7.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00021	-1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.49E-03	-1.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-08	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.95E-04	-1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.00E-04	-3.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.22E-03	-3.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00402	-2.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00644	-3.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0126	-6.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.79E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.017	-9.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00795	-4.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.29E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.94E-03	-2.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.90E-04	-3.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000671	-3.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000228	-1.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00097	-5.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000409	-2.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00422	-2.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.013	-7.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.01E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0146	-7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0125	-6.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.74E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00306	-1.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00511	-2.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00372	-2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0036	-1.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00143	-7.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.71E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.00067	-3.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000928	-5.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000669	-3.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.24E-03	-6.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.43E-04	-1.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00119	-6.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.42E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00129	-6.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.0027	-1.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.71E-04	-3.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.90E-04	-1.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.18E-03	-1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000608	-3.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.0101	1.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00985	1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0142	1.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0161	2.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0129	1.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0386	5.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.047	6.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0297	3.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	5.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	3.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	2.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	1.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00656	8.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00291	-3.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00309	4.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00678	8.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00806	1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0104	1.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.41E-02	3.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0404	5.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0686	8.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	1.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.31E-02	5.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0459	5.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.46E-02	5.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.24E-02	5.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0468	6.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0222	2.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0147	1.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000368	4.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00297	3.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0168	2.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0153	1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0321	4.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.038	4.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000398	5.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0103	1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	1.52E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0381	4.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000473	6.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000914	1.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000574	7.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000852	1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.85E-03	2.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00205	2.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00298	3.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00435	5.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00515	6.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00678	8.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.24E-03	1.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00146	1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00348	4.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0314	4.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00322	4.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00624	8.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	7.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00576	7.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000781	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00671	8.7344E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7344E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00979	1.2744E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2744E-07	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0257	3.3454E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3454E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0201	2.6164E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6164E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	1.4189E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4189E-07	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	1.4449E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4449E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	2.6815E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6815E-08	0	0	0

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00777	1.0114E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0114E-07	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	3.9572E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9572E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	6.4955E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4955E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00787	1.0244E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0244E-07	0	0	0
950	1650	-890	50000	Formaldehyde	0.0242	3.1501E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1501E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00838	-1.0908E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0908E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00694	9.0338E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0338E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0286	3.7229E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7229E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	4.595E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.595E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	3.4495E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4495E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.015	1.9526E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9526E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00886	1.1533E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1533E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	1.6401E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6401E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.3668E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3668E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	2.2519E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2519E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	4.3086E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3086E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	2.304E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.304E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00994	1.2939E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2939E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00715	9.3072E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3072E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00342	4.4518E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4518E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00302	3.9311E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9311E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00687	8.9427E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9427E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	7.8493E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8493E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000208	-1.5472E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5472E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.000073	5.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000811	6.0325E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0325E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000943	7.0143E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0143E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000549	4.0836E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0836E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00152	1.1306E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1306E-07	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00158	1.1753E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1753E-07	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000445	3.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00153	1.1381E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1381E-07	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000848	6.3077E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3077E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000239	1.7778E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7778E-08	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000651	-4.8423E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8423E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00102	-7.5871E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5871E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00242	-1.8001E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8001E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00141	-1.0488E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0488E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000839	-6.2407E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.2407E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000729	-5.4225E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4225E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00052	-3.8679E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8679E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000487	-3.6224E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6224E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000415	3.0869E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0869E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000838	6.2333E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2333E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00445	0.000000331	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.000000331	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00414	-3.0795E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0795E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00302	-2.2464E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2464E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.0036	-2.6778E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6778E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.0038	-2.8266E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8266E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00191	-1.4207E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4207E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00384	-2.8563E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8563E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00464	-3.4514E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4514E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00611	-4.5448E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5448E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00297	-2.2092E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2092E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000728	-5.4151E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4151E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000922	6.8581E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.8581E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000623	4.6341E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6341E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000959	7.1333E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1333E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00259	-1.9265E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9265E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.0014	-1.0414E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0414E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00292	2.172E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.172E-07	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00232	-1.7257E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7257E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00487	-3.6224E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6224E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000639	4.7531E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7531E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.00000172	1.2794E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2794E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.00000261	1.9414E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9414E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000296	2.2017E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2017E-09	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000229	1.7034E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7034E-09	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000143	1.0637E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0637E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000929	6.9102E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9102E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000141	1.0488E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0488E-08	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.00026	1.934E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.934E-08	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000183	1.3612E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3612E-09	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000233	1.7331E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7331E-09	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000875	6.5085E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5085E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000639	4.7531E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7531E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000808	6.0101E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0101E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000101	7.5127E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5127E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000754	5.6085E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6085E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00078	-5.8019E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8019E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00159	-1.1827E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1827E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.0029	-2.1571E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1571E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.0039	-2.9009E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9009E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000963	-7.1631E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1631E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000434	-3.2282E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2282E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.00029	2.1571E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1571E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000279	2.0753E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0753E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000026	1.934E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.934E-09	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000699	5.1994E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1994E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00002	1.4877E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4877E-09	0	0	0
1124	1088	-938	91203	Naphthalene	0.000954	7.0961E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0961E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00294	-2.1869E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1869E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00271	-2.0158E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0158E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.0035	-2.6034E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6034E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.00049	-3.6448E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6448E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000132	-9.8185E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.8185E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000488	3.6299E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6299E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000166	1.2348E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2348E-08	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000245	1.8224E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8224E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000189	1.4058E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4058E-08	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000275	2.0455E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0455E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000258	1.9191E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9191E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000388	2.8861E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8861E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000474	3.5258E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5258E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000413	3.072E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.072E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000756	5.6234E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6234E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000392	-2.9158E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9158E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000308	-2.291E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.291E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000489	3.6373E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6373E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000271	-2.0158E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0158E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000905	6.7317E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7317E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.00542	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00932	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0279	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0305	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0132	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.011	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00062	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00684	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0233	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0193	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0161	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:30:48 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0181	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0216	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0815	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.059	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0559	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0656	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0712	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.213	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.125	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.158	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.434	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.24	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.247	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.29	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.344	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.204	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0315	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.101	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0427	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0225	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0396	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00888	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00501	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.169	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.226	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0908	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0659	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.00133	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000947	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00127	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00227	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00255	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00437	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00482	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00425	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00841	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.0016	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00232	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0076	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00312	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00381	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.133	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0879	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0487	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0373	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0484	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.227	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0955	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0163	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.017	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00454	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00742	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00805	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.101	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.31	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.315	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.297	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0615	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.018	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0425	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.118	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0318	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0141	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0213	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0164	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0377	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00638	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0334	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0606	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0136	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00705	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0278	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0118	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.74E-07	-8.84E-10	25YrCancerHighEnd_InhSoilDerm	-1.85E-10	-4.99E-10	-2.00E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.87E-07	-6.03E-10	25YrCancerHighEnd_InhSoilDerm	-1.26E-10	-3.41E-10	-1.36E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	2.13E-08	6.87E-11	25YrCancerHighEnd_InhSoilDerm	1.44E-11	3.88E-11	1.55E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	7.57E-09	2.44E-11	25YrCancerHighEnd_InhSoilDerm	5.11E-12	1.38E-11	5.52E-12	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	5.92E-09	1.91E-11	25YrCancerHighEnd_InhSoilDerm	4.00E-12	1.08E-11	4.32E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-2.97E-08	-9.58E-11	25YrCancerHighEnd_InhSoilDerm	-2.01E-11	-5.41E-11	-2.17E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-6.56E-08	-2.12E-10	25YrCancerHighEnd_InhSoilDerm	-4.43E-11	-1.20E-10	-4.78E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.29E-07	-4.16E-10	25YrCancerHighEnd_InhSoilDerm	-8.71E-11	-2.35E-10	-9.41E-11	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.44E-07	4.65E-10	25YrCancerHighEnd_InhSoilDerm	9.72E-11	2.62E-10	1.05E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.74E-07	5.62E-10	25YrCancerHighEnd_InhSoilDerm	1.17E-10	3.17E-10	1.27E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.34E-07	7.55E-10	25YrCancerHighEnd_InhSoilDerm	1.58E-10	4.27E-10	1.71E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.18E-07	1.03E-09	25YrCancerHighEnd_InhSoilDerm	2.15E-10	5.80E-10	2.32E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.48E-07	2.41E-09	25YrCancerHighEnd_InhSoilDerm	5.05E-10	1.36E-09	5.45E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	5.68E-09	25YrCancerHighEnd_InhSoilDerm	1.19E-09	3.21E-09	1.28E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	4.16E-09	25YrCancerHighEnd_InhSoilDerm	8.71E-10	2.35E-09	9.41E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	3.74E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-10	2.11E-09	8.46E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	4.07E-09	25YrCancerHighEnd_InhSoilDerm	8.51E-10	2.30E-09	9.19E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	4.13E-09	25YrCancerHighEnd_InhSoilDerm	8.64E-10	2.33E-09	9.33E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	1.14E-08	25YrCancerHighEnd_InhSoilDerm	2.39E-09	6.45E-09	2.58E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	6.84E-09	25YrCancerHighEnd_InhSoilDerm	1.43E-09	3.86E-09	1.55E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	9.26E-09	25YrCancerHighEnd_InhSoilDerm	1.94E-09	5.23E-09	2.09E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	8.36E-09	25YrCancerHighEnd_InhSoilDerm	1.75E-09	4.72E-09	1.89E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.02E-06	2.59E-08	25YrCancerHighEnd_InhSoilDerm	5.41E-09	1.46E-08	5.85E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	1.41E-08	25YrCancerHighEnd_InhSoilDerm	2.94E-09	7.95E-09	3.18E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	1.42E-08	25YrCancerHighEnd_InhSoilDerm	2.97E-09	8.02E-09	3.21E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.84E-06	1.56E-08	25YrCancerHighEnd_InhSoilDerm	3.27E-09	8.82E-09	3.53E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	1.63E-08	25YrCancerHighEnd_InhSoilDerm	3.40E-09	9.19E-09	3.67E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.14E-06	-1.34E-08	25YrCancerHighEnd_InhSoilDerm	-2.80E-09	-7.55E-09	-3.02E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	6.87E-08	2.22E-10	25YrCancerHighEnd_InhSoilDerm	4.64E-11	1.25E-10	5.01E-11	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.47E-06	-7.97E-09	25YrCancerHighEnd_InhSoilDerm	-1.67E-09	-4.50E-09	-1.80E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	3.08E-07	9.94E-10	25YrCancerHighEnd_InhSoilDerm	2.08E-10	5.61E-10	2.25E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.23E-06	-3.97E-09	25YrCancerHighEnd_InhSoilDerm	-8.30E-10	-2.24E-09	-8.97E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-3.47E-08	-1.12E-10	25YrCancerHighEnd_InhSoilDerm	-2.34E-11	-6.33E-11	-2.53E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-9.06E-08	-2.92E-10	25YrCancerHighEnd_InhSoilDerm	-6.12E-11	-1.65E-10	-6.61E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-4.80E-08	-1.55E-10	25YrCancerHighEnd_InhSoilDerm	-3.24E-11	-8.75E-11	-3.50E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	8.36E-09	25YrCancerHighEnd_InhSoilDerm	1.75E-09	4.72E-09	1.89E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	1.19E-08	25YrCancerHighEnd_InhSoilDerm	2.48E-09	6.71E-09	2.68E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.57E-06	8.29E-09	25YrCancerHighEnd_InhSoilDerm	1.74E-09	4.68E-09	1.87E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.17E-07	1.67E-09	25YrCancerHighEnd_InhSoilDerm	3.49E-10	9.42E-10	3.77E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.06E-06	-6.65E-09	25YrCancerHighEnd_InhSoilDerm	-1.39E-09	-3.76E-09	-1.50E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.67E-08	5.39E-11	25YrCancerHighEnd_InhSoilDerm	1.13E-11	3.04E-11	1.22E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.24E-08	4.00E-11	25YrCancerHighEnd_InhSoilDerm	8.37E-12	2.26E-11	9.04E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.44E-08	4.65E-11	25YrCancerHighEnd_InhSoilDerm	9.72E-12	2.62E-11	1.05E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.58E-08	8.33E-11	25YrCancerHighEnd_InhSoilDerm	1.74E-11	4.70E-11	1.88E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.59E-08	8.36E-11	25YrCancerHighEnd_InhSoilDerm	1.75E-11	4.72E-11	1.89E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.57E-08	1.15E-10	25YrCancerHighEnd_InhSoilDerm	2.41E-11	6.51E-11	2.60E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.50E-08	1.13E-10	25YrCancerHighEnd_InhSoilDerm	2.36E-11	6.38E-11	2.55E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.45E-08	1.11E-10	25YrCancerHighEnd_InhSoilDerm	2.33E-11	6.29E-11	2.52E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.94E-08	6.26E-11	25YrCancerHighEnd_InhSoilDerm	1.31E-11	3.54E-11	1.41E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.74E-08	5.62E-11	25YrCancerHighEnd_InhSoilDerm	1.17E-11	3.17E-11	1.27E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.12E-08	6.84E-11	25YrCancerHighEnd_InhSoilDerm	1.43E-11	3.86E-11	1.55E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.31E-08	4.23E-11	25YrCancerHighEnd_InhSoilDerm	8.84E-12	2.39E-11	9.55E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-8.46E-08	-2.73E-10	25YrCancerHighEnd_InhSoilDerm	-5.71E-11	-1.54E-10	-6.17E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	2.10E-08	6.78E-11	25YrCancerHighEnd_InhSoilDerm	1.42E-11	3.83E-11	1.53E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.52E-08	1.46E-10	25YrCancerHighEnd_InhSoilDerm	3.05E-11	8.24E-11	3.30E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.16E-06	6.97E-09	25YrCancerHighEnd_InhSoilDerm	1.46E-09	3.94E-09	1.57E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	4.71E-09	25YrCancerHighEnd_InhSoilDerm	9.86E-10	2.66E-09	1.06E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.24E-07	2.34E-09	25YrCancerHighEnd_InhSoilDerm	4.89E-10	1.32E-09	5.28E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.38E-06	-4.45E-09	25YrCancerHighEnd_InhSoilDerm	-9.32E-10	-2.52E-09	-1.01E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.62E-06	-5.23E-09	25YrCancerHighEnd_InhSoilDerm	-1.09E-09	-2.95E-09	-1.18E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	1.33E-08	25YrCancerHighEnd_InhSoilDerm	2.77E-09	7.49E-09	3.00E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	5.45E-09	25YrCancerHighEnd_InhSoilDerm	1.14E-09	3.08E-09	1.23E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.75E-07	8.87E-10	25YrCancerHighEnd_InhSoilDerm	1.86E-10	5.01E-10	2.01E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.94E-07	9.49E-10	25YrCancerHighEnd_InhSoilDerm	1.98E-10	5.36E-10	2.14E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.80E-08	2.84E-10	25YrCancerHighEnd_InhSoilDerm	5.94E-11	1.60E-10	6.42E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.17E-07	3.78E-10	25YrCancerHighEnd_InhSoilDerm	7.90E-11	2.13E-10	8.53E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	5.03E-10	25YrCancerHighEnd_InhSoilDerm	1.05E-10	2.84E-10	1.14E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.69E-06	5.45E-09	25YrCancerHighEnd_InhSoilDerm	1.14E-09	3.08E-09	1.23E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	1.85E-08	25YrCancerHighEnd_InhSoilDerm	3.87E-09	1.04E-08	4.18E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	1.89E-08	25YrCancerHighEnd_InhSoilDerm	3.96E-09	1.07E-08	4.27E-09	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	1.76E-08	25YrCancerHighEnd_InhSoilDerm	3.68E-09	9.93E-09	3.97E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	3.74E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-10	2.11E-09	8.46E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-1.06E-07	-3.42E-10	25YrCancerHighEnd_InhSoilDerm	-7.16E-11	-1.93E-10	-7.73E-11	0.00E+00
74	-42	-825	7440382	Arsenic	2.69E-07	8.68E-10	25YrCancerHighEnd_InhSoilDerm	1.82E-10	4.90E-10	1.96E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	6.78E-09	25YrCancerHighEnd_InhSoilDerm	1.42E-09	3.83E-09	1.53E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.13E-07	1.66E-09	25YrCancerHighEnd_InhSoilDerm	3.46E-10	9.35E-10	3.74E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.19E-07	7.07E-10	25YrCancerHighEnd_InhSoilDerm	1.48E-10	3.99E-10	1.60E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.36E-07	1.08E-09	25YrCancerHighEnd_InhSoilDerm	2.27E-10	6.12E-10	2.45E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.62E-07	8.46E-10	25YrCancerHighEnd_InhSoilDerm	1.77E-10	4.78E-10	1.91E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.43E-07	2.08E-09	25YrCancerHighEnd_InhSoilDerm	4.34E-10	1.17E-09	4.69E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.22E-07	3.94E-10	25YrCancerHighEnd_InhSoilDerm	8.24E-11	2.22E-10	8.90E-11	0.00E+00
82	2577	-940	7440382	Arsenic	6.35E-07	2.05E-09	25YrCancerHighEnd_InhSoilDerm	4.29E-10	1.16E-09	4.63E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.99E-07	1.93E-09	25YrCancerHighEnd_InhSoilDerm	4.04E-10	1.09E-09	4.37E-10	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	3.61E-09	25YrCancerHighEnd_InhSoilDerm	7.56E-10	2.04E-09	8.17E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.68E-07	8.65E-10	25YrCancerHighEnd_InhSoilDerm	1.81E-10	4.89E-10	1.95E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	3.87E-10	25YrCancerHighEnd_InhSoilDerm	8.10E-11	2.19E-10	8.75E-11	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	3.68E-09	25YrCancerHighEnd_InhSoilDerm	7.70E-10	2.08E-09	8.31E-10	0.00E+00
88	1375	1395	7440382	Arsenic	2.28E-07	7.36E-10	25YrCancerHighEnd_InhSoilDerm	1.54E-10	4.16E-10	1.66E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.23E-08	1.04E-11	25YrCancerHighEnd_InhSoilDerm	1.04E-11	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.07E-08	9.03E-12	25YrCancerHighEnd_InhSoilDerm	9.03E-12	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	1.02E-08	8.61E-12	25YrCancerHighEnd_InhSoilDerm	8.61E-12	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	6.96E-09	5.87E-12	25YrCancerHighEnd_InhSoilDerm	5.87E-12	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	7.32E-09	6.18E-12	25YrCancerHighEnd_InhSoilDerm	6.18E-12	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	8.91E-09	7.52E-12	25YrCancerHighEnd_InhSoilDerm	7.52E-12	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	1.83E-08	1.54E-11	25YrCancerHighEnd_InhSoilDerm	1.54E-11	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	3.06E-08	2.58E-11	25YrCancerHighEnd_InhSoilDerm	2.58E-11	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	7.10E-09	5.99E-12	25YrCancerHighEnd_InhSoilDerm	5.99E-12	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	5.18E-09	4.37E-12	25YrCancerHighEnd_InhSoilDerm	4.37E-12	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	4.21E-09	3.55E-12	25YrCancerHighEnd_InhSoilDerm	3.55E-12	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	3.79E-09	3.20E-12	25YrCancerHighEnd_InhSoilDerm	3.20E-12	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	2.32E-09	1.96E-12	25YrCancerHighEnd_InhSoilDerm	1.96E-12	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	2.07E-09	1.75E-12	25YrCancerHighEnd_InhSoilDerm	1.75E-12	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.76E-09	1.49E-12	25YrCancerHighEnd_InhSoilDerm	1.49E-12	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.65E-09	1.39E-12	25YrCancerHighEnd_InhSoilDerm	1.39E-12	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.75E-09	1.48E-12	25YrCancerHighEnd_InhSoilDerm	1.48E-12	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.93E-09	1.63E-12	25YrCancerHighEnd_InhSoilDerm	1.63E-12	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	1.97E-09	1.66E-12	25YrCancerHighEnd_InhSoilDerm	1.66E-12	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	2.04E-09	1.72E-12	25YrCancerHighEnd_InhSoilDerm	1.72E-12	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	2.15E-09	1.81E-12	25YrCancerHighEnd_InhSoilDerm	1.81E-12	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	2.65E-09	2.24E-12	25YrCancerHighEnd_InhSoilDerm	2.24E-12	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	4.10E-09	3.46E-12	25YrCancerHighEnd_InhSoilDerm	3.46E-12	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	5.18E-09	4.37E-12	25YrCancerHighEnd_InhSoilDerm	4.37E-12	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	6.16E-09	5.20E-12	25YrCancerHighEnd_InhSoilDerm	5.20E-12	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	8.25E-09	6.96E-12	25YrCancerHighEnd_InhSoilDerm	6.96E-12	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	1.30E-08	1.10E-11	25YrCancerHighEnd_InhSoilDerm	1.10E-11	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	3.68E-08	3.11E-11	25YrCancerHighEnd_InhSoilDerm	3.11E-11	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	5.07E-08	4.28E-11	25YrCancerHighEnd_InhSoilDerm	4.28E-11	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	6.14E-08	5.18E-11	25YrCancerHighEnd_InhSoilDerm	5.18E-11	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	2.27E-08	1.92E-11	25YrCancerHighEnd_InhSoilDerm	1.92E-11	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	2.15E-08	1.81E-11	25YrCancerHighEnd_InhSoilDerm	1.81E-11	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.01E-08	8.52E-12	25YrCancerHighEnd_InhSoilDerm	8.52E-12	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	3.66E-08	3.09E-11	25YrCancerHighEnd_InhSoilDerm	3.09E-11	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	1.47E-08	1.24E-11	25YrCancerHighEnd_InhSoilDerm	1.24E-11	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	2.00E-09	1.69E-12	25YrCancerHighEnd_InhSoilDerm	1.69E-12	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	1.93E-09	1.63E-12	25YrCancerHighEnd_InhSoilDerm	1.63E-12	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	3.10E-09	2.62E-12	25YrCancerHighEnd_InhSoilDerm	2.62E-12	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	2.19E-08	1.85E-11	25YrCancerHighEnd_InhSoilDerm	1.85E-11	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	7.80E-08	6.58E-11	25YrCancerHighEnd_InhSoilDerm	6.58E-11	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	1.12E-09	9.45E-13	25YrCancerHighEnd_InhSoilDerm	9.45E-13	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	7.18E-10	6.06E-13	25YrCancerHighEnd_InhSoilDerm	6.06E-13	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	9.52E-10	8.03E-13	25YrCancerHighEnd_InhSoilDerm	8.03E-13	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	1.78E-09	1.50E-12	25YrCancerHighEnd_InhSoilDerm	1.50E-12	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	2.61E-09	2.20E-12	25YrCancerHighEnd_InhSoilDerm	2.20E-12	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	3.20E-09	2.70E-12	25YrCancerHighEnd_InhSoilDerm	2.70E-12	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	5.41E-09	4.57E-12	25YrCancerHighEnd_InhSoilDerm	4.57E-12	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	3.57E-09	3.01E-12	25YrCancerHighEnd_InhSoilDerm	3.01E-12	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	5.01E-09	4.23E-12	25YrCancerHighEnd_InhSoilDerm	4.23E-12	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	1.75E-09	1.48E-12	25YrCancerHighEnd_InhSoilDerm	1.48E-12	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	1.62E-09	1.37E-12	25YrCancerHighEnd_InhSoilDerm	1.37E-12	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	9.52E-10	8.03E-13	25YrCancerHighEnd_InhSoilDerm	8.03E-13	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	3.37E-08	2.84E-11	25YrCancerHighEnd_InhSoilDerm	2.84E-11	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	2.95E-09	2.49E-12	25YrCancerHighEnd_InhSoilDerm	2.49E-12	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	2.61E-09	2.20E-12	25YrCancerHighEnd_InhSoilDerm	2.20E-12	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	6.15E-09	5.19E-12	25YrCancerHighEnd_InhSoilDerm	5.19E-12	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	9.34E-09	7.88E-12	25YrCancerHighEnd_InhSoilDerm	7.88E-12	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	1.01E-08	8.52E-12	25YrCancerHighEnd_InhSoilDerm	8.52E-12	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	4.12E-08	3.48E-11	25YrCancerHighEnd_InhSoilDerm	3.48E-11	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	6.80E-08	5.74E-11	25YrCancerHighEnd_InhSoilDerm	5.74E-11	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	3.00E-09	2.53E-12	25YrCancerHighEnd_InhSoilDerm	2.53E-12	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	3.39E-09	2.86E-12	25YrCancerHighEnd_InhSoilDerm	2.86E-12	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	1.12E-09	9.45E-13	25YrCancerHighEnd_InhSoilDerm	9.45E-13	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	1.20E-09	1.01E-12	25YrCancerHighEnd_InhSoilDerm	1.01E-12	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	7.80E-10	6.58E-13	25YrCancerHighEnd_InhSoilDerm	6.58E-13	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	2.50E-09	2.11E-12	25YrCancerHighEnd_InhSoilDerm	2.11E-12	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	9.36E-10	7.90E-13	25YrCancerHighEnd_InhSoilDerm	7.90E-13	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	4.34E-09	3.66E-12	25YrCancerHighEnd_InhSoilDerm	3.66E-12	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	1.87E-09	1.58E-12	25YrCancerHighEnd_InhSoilDerm	1.58E-12	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	2.34E-09	1.97E-12	25YrCancerHighEnd_InhSoilDerm	1.97E-12	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	1.62E-09	1.37E-12	25YrCancerHighEnd_InhSoilDerm	1.37E-12	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	1.34E-09	1.13E-12	25YrCancerHighEnd_InhSoilDerm	1.13E-12	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.72E-08	1.45E-11	25YrCancerHighEnd_InhSoilDerm	1.45E-11	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.44E-08	1.22E-11	25YrCancerHighEnd_InhSoilDerm	1.22E-11	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	2.46E-09	2.08E-12	25YrCancerHighEnd_InhSoilDerm	2.08E-12	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	2.57E-09	2.17E-12	25YrCancerHighEnd_InhSoilDerm	2.17E-12	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	1.61E-09	1.36E-12	25YrCancerHighEnd_InhSoilDerm	1.36E-12	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	2.09E-09	1.76E-12	25YrCancerHighEnd_InhSoilDerm	1.76E-12	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	1.56E-09	1.32E-12	25YrCancerHighEnd_InhSoilDerm	1.32E-12	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	1.73E-09	1.46E-12	25YrCancerHighEnd_InhSoilDerm	1.46E-12	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	8.89E-10	7.50E-13	25YrCancerHighEnd_InhSoilDerm	7.50E-13	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	1.39E-09	1.17E-12	25YrCancerHighEnd_InhSoilDerm	1.17E-12	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	1.36E-09	1.15E-12	25YrCancerHighEnd_InhSoilDerm	1.15E-12	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	1.50E-09	1.27E-12	25YrCancerHighEnd_InhSoilDerm	1.27E-12	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	1.06E-09	8.95E-13	25YrCancerHighEnd_InhSoilDerm	8.95E-13	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	5.77E-10	4.87E-13	25YrCancerHighEnd_InhSoilDerm	4.87E-13	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	1.42E-09	1.20E-12	25YrCancerHighEnd_InhSoilDerm	1.20E-12	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	1.17E-09	9.87E-13	25YrCancerHighEnd_InhSoilDerm	9.87E-13	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.18E-06	-3.47E-08	25YrCancerHighEnd_InhSoilDerm	-3.39E-08	-7.17E-10	-9.56E-11	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-4.73E-07	-1.39E-08	25YrCancerHighEnd_InhSoilDerm	-1.36E-08	-2.87E-10	-3.83E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.78E-06	5.23E-08	25YrCancerHighEnd_InhSoilDerm	5.11E-08	1.08E-09	1.44E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.89E-06	5.55E-08	25YrCancerHighEnd_InhSoilDerm	5.42E-08	1.15E-09	1.53E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	8.79E-07	2.58E-08	25YrCancerHighEnd_InhSoilDerm	2.52E-08	5.34E-10	7.12E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	6.81E-07	2.00E-08	25YrCancerHighEnd_InhSoilDerm	1.95E-08	4.14E-10	5.52E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	1.56E-07	4.58E-09	25YrCancerHighEnd_InhSoilDerm	4.48E-09	9.48E-11	1.26E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-7.56E-07	-2.22E-08	25YrCancerHighEnd_InhSoilDerm	-2.17E-08	-4.59E-10	-6.12E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.85E-06	8.37E-08	25YrCancerHighEnd_InhSoilDerm	8.18E-08	1.73E-09	2.31E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.54E-06	7.46E-08	25YrCancerHighEnd_InhSoilDerm	7.29E-08	1.54E-09	2.06E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.54E-06	7.46E-08	25YrCancerHighEnd_InhSoilDerm	7.29E-08	1.54E-09	2.06E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	3.10E-06	9.11E-08	25YrCancerHighEnd_InhSoilDerm	8.90E-08	1.88E-09	2.51E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.82E-06	1.71E-07	25YrCancerHighEnd_InhSoilDerm	1.67E-07	3.54E-09	4.72E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.50E-05	4.41E-07	25YrCancerHighEnd_InhSoilDerm	4.30E-07	9.11E-09	1.22E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.11E-05	3.26E-07	25YrCancerHighEnd_InhSoilDerm	3.19E-07	6.74E-09	8.99E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	1.02E-05	3.00E-07	25YrCancerHighEnd_InhSoilDerm	2.93E-07	6.20E-09	8.26E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.13E-05	3.32E-07	25YrCancerHighEnd_InhSoilDerm	3.24E-07	6.87E-09	9.15E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.17E-05	3.44E-07	25YrCancerHighEnd_InhSoilDerm	3.36E-07	7.11E-09	9.48E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.30E-05	9.70E-07	25YrCancerHighEnd_InhSoilDerm	9.47E-07	2.01E-08	2.67E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	2.00E-05	5.88E-07	25YrCancerHighEnd_InhSoilDerm	5.74E-07	1.22E-08	1.62E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.65E-05	7.79E-07	25YrCancerHighEnd_InhSoilDerm	7.60E-07	1.61E-08	2.15E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.49E-05	7.32E-07	25YrCancerHighEnd_InhSoilDerm	7.14E-07	1.51E-08	2.02E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.21E-05	2.12E-06	25YrCancerHighEnd_InhSoilDerm	2.07E-06	4.38E-08	5.84E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.99E-05	1.17E-06	25YrCancerHighEnd_InhSoilDerm	1.14E-06	2.42E-08	3.23E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	4.05E-05	1.19E-06	25YrCancerHighEnd_InhSoilDerm	1.16E-06	2.46E-08	3.28E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.53E-05	1.33E-06	25YrCancerHighEnd_InhSoilDerm	1.30E-06	2.75E-08	3.67E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.94E-05	1.45E-06	25YrCancerHighEnd_InhSoilDerm	1.42E-06	3.00E-08	4.00E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.50E-05	-1.03E-06	25YrCancerHighEnd_InhSoilDerm	-1.00E-06	-2.13E-08	-2.84E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	2.60E-06	7.64E-08	25YrCancerHighEnd_InhSoilDerm	7.46E-08	1.58E-09	2.11E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.97E-05	-5.79E-07	25YrCancerHighEnd_InhSoilDerm	-5.65E-07	-1.20E-08	-1.60E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	4.38E-06	1.29E-07	25YrCancerHighEnd_InhSoilDerm	1.26E-07	2.66E-09	3.55E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-8.26E-06	-2.43E-07	25YrCancerHighEnd_InhSoilDerm	-2.37E-07	-5.02E-09	-6.69E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.11E-06	6.20E-08	25YrCancerHighEnd_InhSoilDerm	6.05E-08	1.28E-09	1.71E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-6.65E-07	-1.95E-08	25YrCancerHighEnd_InhSoilDerm	-1.91E-08	-4.04E-10	-5.39E-11	0.00E+00

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	5.87E-07	1.72E-08	25YrCancerHighEnd_InhSoilDerm	1.68E-08	3.57E-10	4.76E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.49E-05	7.32E-07	25YrCancerHighEnd_InhSoilDerm	7.14E-07	1.51E-08	2.02E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.44E-05	1.01E-06	25YrCancerHighEnd_InhSoilDerm	9.87E-07	2.09E-08	2.79E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.46E-05	7.23E-07	25YrCancerHighEnd_InhSoilDerm	7.06E-07	1.49E-08	1.99E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	8.77E-06	2.58E-07	25YrCancerHighEnd_InhSoilDerm	2.52E-07	5.33E-09	7.11E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.55E-05	-4.55E-07	25YrCancerHighEnd_InhSoilDerm	-4.45E-07	-9.42E-09	-1.26E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.86E-07	5.47E-09	25YrCancerHighEnd_InhSoilDerm	5.34E-09	1.13E-10	1.51E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.35E-07	3.97E-09	25YrCancerHighEnd_InhSoilDerm	3.87E-09	8.20E-11	1.09E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.70E-07	5.00E-09	25YrCancerHighEnd_InhSoilDerm	4.88E-09	1.03E-10	1.38E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	3.03E-07	8.90E-09	25YrCancerHighEnd_InhSoilDerm	8.69E-09	1.84E-10	2.45E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	3.22E-07	9.46E-09	25YrCancerHighEnd_InhSoilDerm	9.24E-09	1.96E-10	2.61E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.95E-07	1.45E-08	25YrCancerHighEnd_InhSoilDerm	1.42E-08	3.01E-10	4.01E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	5.23E-07	1.54E-08	25YrCancerHighEnd_InhSoilDerm	1.50E-08	3.18E-10	4.24E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	5.09E-07	1.50E-08	25YrCancerHighEnd_InhSoilDerm	1.46E-08	3.09E-10	4.12E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	6.51E-07	1.91E-08	25YrCancerHighEnd_InhSoilDerm	1.87E-08	3.96E-10	5.27E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.97E-07	5.79E-09	25YrCancerHighEnd_InhSoilDerm	5.65E-09	1.20E-10	1.60E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.34E-07	6.88E-09	25YrCancerHighEnd_InhSoilDerm	6.71E-09	1.42E-10	1.90E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	2.47E-07	7.26E-09	25YrCancerHighEnd_InhSoilDerm	7.09E-09	1.50E-10	2.00E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-5.66E-07	-1.66E-08	25YrCancerHighEnd_InhSoilDerm	-1.62E-08	-3.44E-10	-4.59E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	3.29E-07	9.67E-09	25YrCancerHighEnd_InhSoilDerm	9.44E-09	2.00E-10	2.67E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	5.59E-07	1.64E-08	25YrCancerHighEnd_InhSoilDerm	1.60E-08	3.40E-10	4.53E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.09E-05	6.14E-07	25YrCancerHighEnd_InhSoilDerm	6.00E-07	1.27E-08	1.69E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.35E-05	3.97E-07	25YrCancerHighEnd_InhSoilDerm	3.87E-07	8.20E-09	1.09E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	7.05E-06	2.07E-07	25YrCancerHighEnd_InhSoilDerm	2.02E-07	4.28E-09	5.71E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-9.96E-06	-2.93E-07	25YrCancerHighEnd_InhSoilDerm	-2.86E-07	-6.05E-09	-8.07E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.19E-05	-3.50E-07	25YrCancerHighEnd_InhSoilDerm	-3.41E-07	-7.23E-09	-9.64E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.72E-05	1.09E-06	25YrCancerHighEnd_InhSoilDerm	1.07E-06	2.26E-08	3.01E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.55E-05	4.55E-07	25YrCancerHighEnd_InhSoilDerm	4.45E-07	9.42E-09	1.26E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.68E-06	7.87E-08	25YrCancerHighEnd_InhSoilDerm	7.69E-08	1.63E-09	2.17E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.84E-06	8.34E-08	25YrCancerHighEnd_InhSoilDerm	8.15E-08	1.73E-09	2.30E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	8.03E-07	2.36E-08	25YrCancerHighEnd_InhSoilDerm	2.30E-08	4.88E-10	6.51E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.21E-06	3.56E-08	25YrCancerHighEnd_InhSoilDerm	3.47E-08	7.35E-10	9.80E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.42E-06	4.17E-08	25YrCancerHighEnd_InhSoilDerm	4.07E-08	8.63E-10	1.15E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.62E-05	4.76E-07	25YrCancerHighEnd_InhSoilDerm	4.65E-07	9.84E-09	1.31E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.12E-05	1.50E-06	25YrCancerHighEnd_InhSoilDerm	1.47E-06	3.11E-08	4.15E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.24E-05	1.54E-06	25YrCancerHighEnd_InhSoilDerm	1.50E-06	3.18E-08	4.25E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.85E-05	1.43E-06	25YrCancerHighEnd_InhSoilDerm	1.39E-06	2.95E-08	3.93E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	1.04E-05	3.06E-07	25YrCancerHighEnd_InhSoilDerm	2.98E-07	6.32E-09	8.43E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	7.87E-07	2.31E-08	25YrCancerHighEnd_InhSoilDerm	2.26E-08	4.78E-10	6.38E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	4.40E-06	1.29E-07	25YrCancerHighEnd_InhSoilDerm	1.26E-07	2.67E-09	3.56E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.93E-05	5.67E-07	25YrCancerHighEnd_InhSoilDerm	5.54E-07	1.17E-08	1.56E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.99E-06	1.47E-07	25YrCancerHighEnd_InhSoilDerm	1.43E-07	3.03E-09	4.04E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.19E-06	6.43E-08	25YrCancerHighEnd_InhSoilDerm	6.28E-08	1.33E-09	1.77E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.33E-06	9.78E-08	25YrCancerHighEnd_InhSoilDerm	9.56E-08	2.02E-09	2.70E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.59E-06	7.61E-08	25YrCancerHighEnd_InhSoilDerm	7.43E-08	1.57E-09	2.10E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	6.11E-06	1.80E-07	25YrCancerHighEnd_InhSoilDerm	1.75E-07	3.71E-09	4.95E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.12E-06	3.29E-08	25YrCancerHighEnd_InhSoilDerm	3.21E-08	6.81E-10	9.07E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	6.00E-06	1.76E-07	25YrCancerHighEnd_InhSoilDerm	1.72E-07	3.65E-09	4.86E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.55E-06	1.63E-07	25YrCancerHighEnd_InhSoilDerm	1.59E-07	3.37E-09	4.50E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	1.01E-05	2.97E-07	25YrCancerHighEnd_InhSoilDerm	2.90E-07	6.14E-09	8.18E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	2.39E-06	7.02E-08	25YrCancerHighEnd_InhSoilDerm	6.86E-08	1.45E-09	1.94E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.15E-06	3.38E-08	25YrCancerHighEnd_InhSoilDerm	3.30E-08	6.99E-10	9.32E-11	0.00E+00
263	900	935	18540299	Cr(VI)	8.37E-06	2.46E-07	25YrCancerHighEnd_InhSoilDerm	2.40E-07	5.09E-09	6.78E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.09E-06	6.14E-08	25YrCancerHighEnd_InhSoilDerm	6.00E-08	1.27E-09	1.69E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-8.31E-07	-1.23E-11	25YrCancerHighEnd_InhSoilDerm	-1.96E-12	-8.58E-12	-1.72E-12	0.00E+00
266	-1778.03	-291.29	7439921	Lead	-2.90E-07	-4.28E-12	25YrCancerHighEnd_InhSoilDerm	-6.85E-13	-3.00E-12	-5.99E-13	0.00E+00
267	-1732.28	175.05	7439921	Lead	1.50E-06	2.21E-11	25YrCancerHighEnd_InhSoilDerm	3.54E-12	1.55E-11	3.10E-12	0.00E+00
268	-1579.43	347.93	7439921	Lead	1.61E-06	2.38E-11	25YrCancerHighEnd_InhSoilDerm	3.80E-12	1.66E-11	3.33E-12	0.00E+00
269	-1525.43	516.64	7439921	Lead	1.28E-06	1.89E-11	25YrCancerHighEnd_InhSoilDerm	3.02E-12	1.32E-11	2.64E-12	0.00E+00
270	-1332.88	500.04	7439921	Lead	2.17E-06	3.20E-11	25YrCancerHighEnd_InhSoilDerm	5.13E-12	2.24E-11	4.48E-12	0.00E+00
271	-1140.45	476.3	7439921	Lead	4.46E-06	6.58E-11	25YrCancerHighEnd_InhSoilDerm	1.05E-11	4.61E-11	9.21E-12	0.00E+00
272	-672.12	353.55	7439921	Lead	3.33E-06	4.91E-11	25YrCancerHighEnd_InhSoilDerm	7.87E-12	3.44E-11	6.88E-12	0.00E+00
273	-169.37	170.38	7439921	Lead	7.54E-06	1.11E-10	25YrCancerHighEnd_InhSoilDerm	1.78E-11	7.79E-11	1.56E-11	0.00E+00
274	-75.04	299.11	7439921	Lead	5.49E-06	8.10E-11	25YrCancerHighEnd_InhSoilDerm	1.30E-11	5.67E-11	1.13E-11	0.00E+00
275	49.15	527.2	7439921	Lead	4.53E-06	6.69E-11	25YrCancerHighEnd_InhSoilDerm	1.07E-11	4.68E-11	9.36E-12	0.00E+00
276	144.22	648.15	7439921	Lead	4.86E-06	7.17E-11	25YrCancerHighEnd_InhSoilDerm	1.15E-11	5.02E-11	1.00E-11	0.00E+00
277	394.15	623.31	7439921	Lead	8.55E-06	1.26E-10	25YrCancerHighEnd_InhSoilDerm	2.02E-11	8.83E-11	1.77E-11	0.00E+00
278	501.62	717.12	7439921	Lead	1.69E-05	2.49E-10	25YrCancerHighEnd_InhSoilDerm	3.99E-11	1.75E-10	3.49E-11	0.00E+00
279	618.47	665.12	7439921	Lead	1.31E-05	1.93E-10	25YrCancerHighEnd_InhSoilDerm	3.10E-11	1.35E-10	2.71E-11	0.00E+00
280	755.45	579.13	7439921	Lead	1.22E-05	1.80E-10	25YrCancerHighEnd_InhSoilDerm	2.88E-11	1.26E-10	2.52E-11	0.00E+00
281	867.79	485.41	7439921	Lead	1.33E-05	1.96E-10	25YrCancerHighEnd_InhSoilDerm	3.14E-11	1.37E-10	2.75E-11	0.00E+00
282	955.03	377.6	7439921	Lead	0.0000137	2.02E-10	25YrCancerHighEnd_InhSoilDerm	3.24E-11	1.42E-10	2.83E-11	0.00E+00
283	1331.68	-165.58	7439921	Lead	0.0000342	5.05E-10	25YrCancerHighEnd_InhSoilDerm	8.08E-11	3.53E-10	7.07E-11	0.00E+00
284	1406.74	-290.13	7439921	Lead	0.0000238	3.51E-10	25YrCancerHighEnd_InhSoilDerm	5.62E-11	2.46E-10	4.92E-11	0.00E+00
285	1456.2	-436.06	7439921	Lead	0.0000323	4.77E-10	25YrCancerHighEnd_InhSoilDerm	7.63E-11	3.34E-10	6.67E-11	0.00E+00
286	1209.21	-528.32	7439921	Lead	0.0000362	5.34E-10	25YrCancerHighEnd_InhSoilDerm	8.55E-11	3.74E-10	7.48E-11	0.00E+00
287	913.01	-694.67	7439921	Lead	0.0000777	1.15E-09	25YrCancerHighEnd_InhSoilDerm	1.84E-10	8.03E-10	1.61E-10	0.00E+00
288	717.24	-664.22	7439921	Lead	0.0000462	6.82E-10	25YrCancerHighEnd_InhSoilDerm	1.09E-10	4.77E-10	9.54E-11	0.00E+00
289	544.23	-594.35	7439921	Lead	0.0000464	6.85E-10	25YrCancerHighEnd_InhSoilDerm	1.10E-10	4.79E-10	9.59E-11	0.00E+00
290	338.12	-539.73	7439921	Lead	0.0000495	7.31E-10	25YrCancerHighEnd_InhSoilDerm	1.17E-10	5.11E-10	1.02E-10	0.00E+00
291	123.44	-529.45	7439921	Lead	0.0000503	7.42E-10	25YrCancerHighEnd_InhSoilDerm	1.19E-10	5.20E-10	1.04E-10	0.00E+00
292	-353.26	-515.05	7439921	Lead	-0.0000291	-4.29E-10	25YrCancerHighEnd_InhSoilDerm	-6.88E-11	-3.01E-10	-6.01E-11	0.00E+00
293	-537.68	-487.8	7439921	Lead	0.00000638	9.42E-11	25YrCancerHighEnd_InhSoilDerm	1.51E-11	6.59E-11	1.32E-11	0.00E+00
294	-775.51	-486.07	7439921	Lead	-0.0000158	-2.33E-10	25YrCancerHighEnd_InhSoilDerm	-3.73E-11	-1.63E-10	-3.26E-11	0.00E+00
295	-1414.44	-481.5	7439921	Lead	0.00000525	7.75E-11	25YrCancerHighEnd_InhSoilDerm	1.24E-11	5.42E-11	1.08E-11	0.00E+00
296	-1515.21	-320.18	7439921	Lead	-7.97E-06	-1.18E-10	25YrCancerHighEnd_InhSoilDerm	-1.88E-11	-8.23E-11	-1.65E-11	0.00E+00
297	-1749.69	-63.9	7439921	Lead	1.06E-06	1.56E-11	25YrCancerHighEnd_InhSoilDerm	2.50E-12	1.09E-11	2.19E-12	0.00E+00
298	-920.57	426.17	7439921	Lead	3.74E-06	5.52E-11	25YrCancerHighEnd_InhSoilDerm	8.84E-12	3.86E-11	7.73E-12	0.00E+00
299	-420.73	233.87	7439921	Lead	5.17E-06	7.63E-11	25YrCancerHighEnd_InhSoilDerm	1.22E-11	5.34E-11	1.07E-11	0.00E+00
300	1090.12	214.1	7439921	Lead	2.53E-05	3.73E-10	25YrCancerHighEnd_InhSoilDerm	5.98E-11	2.61E-10	5.23E-11	0.00E+00
301	1183.39	65.17	7439921	Lead	3.46E-05	5.11E-10	25YrCancerHighEnd_InhSoilDerm	8.18E-11	3.57E-10	7.15E-11	0.00E+00
302	1055.3	-577.42	7439921	Lead	3.54E-05	5.22E-10	25YrCancerHighEnd_InhSoilDerm	8.37E-11	3.66E-10	7.31E-11	0.00E+00
303	-103.02	-518.78	7439921	Lead	1.12E-05	1.65E-10	25YrCancerHighEnd_InhSoilDerm	2.65E-11	1.16E-10	2.31E-11	0.00E+00
304	-1076.39	-488.67	7439921	Lead	-0.000013	-1.92E-10	25YrCancerHighEnd_InhSoilDerm	-3.07E-11	-1.34E-10	-2.69E-11	0.00E+00
305	-4113.79	-1330.97	7439921	Lead	0.000000308	4.55E-12	25YrCancerHighEnd_InhSoilDerm	7.28E-13	3.18E-12	6.36E-13	0.00E+00
306	-5050.04	-958.41	7439921	Lead	0.000000221	3.26E-12	25YrCancerHighEnd_InhSoilDerm	5.22E-13	2.28E-12	4.57E-13	0.00E+00
307	-4023.97	-112.26	7439921	Lead	2.91E-07	4.29E-12	25YrCancerHighEnd_InhSoilDerm	6.88E-13	3.01E-12	6.01E-13	0.00E+00
308	-2122.34	995.23	7439921	Lead	5.17E-07	7.63E-12	25YrCancerHighEnd_InhSoilDerm	1.22E-12	5.34E-12	1.07E-12	0.00E+00
309	-2734.69	227.4	7439921	Lead	5.74E-07	8.47E-12	25YrCancerHighEnd_InhSoilDerm	1.36E-12	5.93E-12	1.19E-12	0.00E+00
310	-2371.11	-69.21	7439921	Lead	7.99E-07	1.18E-11	25YrCancerHighEnd_InhSoilDerm	1.89E-12	8.25E-12	1.65E-12	0.00E+00
311	-2146.26	177.17	7439921	Lead	9.47E-07	1.40E-11	25YrCancerHighEnd_InhSoilDerm	2.24E-12	9.78E-12	1.96E-12	0.00E+00
312	-1919.02	445.07	7439921	Lead	1.04E-06	1.53E-11	25YrCancerHighEnd_InhSoilDerm	2.46E-12	1.07E-11	2.15E-12	0.00E+00
313	-1651.12	607.72	7439921	Lead	9.63E-07	1.42E-11	25YrCancerHighEnd_InhSoilDerm	2.28E-12	9.95E-12	1.99E-12	0.00E+00
314	-3361.39	677.09	7439921	Lead	3.71E-07	5.48E-12	25YrCancerHighEnd_InhSoilDerm	8.77E-13	3.83E-12	7.66E-13	0.00E+00
315	-3026.51	724.93	7439921	Lead	4.29E-07	6.33E-12	25YrCancerHighEnd_InhSoilDerm	1.01E-12	4.43E-12	8.86E-13	0.00E+00

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	5.03E-07	7.42E-12	25YrCancerHighEnd_InhSoilDerm	1.19E-12	5.20E-12	1.04E-12	0.00E+00
317	-922.86	446.42	7439921	Lead	3.60E-06	5.31E-11	25YrCancerHighEnd_InhSoilDerm	8.51E-12	3.72E-11	7.44E-12	0.00E+00
318	-1799.42	1088.51	7439921	Lead	5.74E-07	8.47E-12	25YrCancerHighEnd_InhSoilDerm	1.36E-12	5.93E-12	1.19E-12	0.00E+00
319	-359.36	1846.44	7439921	Lead	1.19E-06	1.76E-11	25YrCancerHighEnd_InhSoilDerm	2.81E-12	1.23E-11	2.46E-12	0.00E+00
320	671.3	-742.78	7439921	Lead	2.59E-05	3.82E-10	25YrCancerHighEnd_InhSoilDerm	6.12E-11	2.68E-10	5.35E-11	0.00E+00
321	-1565.55	-932.22	7439921	Lead	1.39E-05	2.05E-10	25YrCancerHighEnd_InhSoilDerm	3.28E-11	1.44E-10	2.87E-11	0.00E+00
322	-1733.02	-528.24	7439921	Lead	7.50E-06	1.11E-10	25YrCancerHighEnd_InhSoilDerm	1.77E-11	7.75E-11	1.55E-11	0.00E+00
323	-1261.46	-507.67	7439921	Lead	-8.38E-06	-1.24E-10	25YrCancerHighEnd_InhSoilDerm	-1.98E-11	-8.66E-11	-1.73E-11	0.00E+00
324	-883.92	-503.26	7439921	Lead	-0.00000882	-1.30E-10	25YrCancerHighEnd_InhSoilDerm	-2.08E-11	-9.11E-11	-1.82E-11	0.00E+00
325	1599.35	-1104.97	7439921	Lead	0.0000393	5.80E-10	25YrCancerHighEnd_InhSoilDerm	9.29E-11	4.06E-10	8.12E-11	0.00E+00
326	1608.16	-1382.63	7439921	Lead	1.76E-05	2.60E-10	25YrCancerHighEnd_InhSoilDerm	4.16E-11	1.82E-10	3.64E-11	0.00E+00
327	3517.15	-1425.27	7439921	Lead	3.78E-06	5.58E-11	25YrCancerHighEnd_InhSoilDerm	8.93E-12	3.90E-11	7.81E-12	0.00E+00
328	2959.77	-846.37	7439921	Lead	4.08E-06	6.02E-11	25YrCancerHighEnd_InhSoilDerm	9.64E-12	4.21E-11	8.43E-12	0.00E+00
329	3479.67	224.81	7439921	Lead	0.00000108	1.59E-11	25YrCancerHighEnd_InhSoilDerm	2.55E-12	1.12E-11	2.23E-12	0.00E+00
330	44.43	1469.76	7439921	Lead	0.00000208	3.07E-11	25YrCancerHighEnd_InhSoilDerm	4.92E-12	2.15E-11	4.30E-12	0.00E+00
331	3044.83	-34	7439921	Lead	1.85E-06	2.73E-11	25YrCancerHighEnd_InhSoilDerm	4.37E-12	1.91E-11	3.82E-12	0.00E+00
332	1088	-938	7439921	Lead	2.05E-05	3.03E-10	25YrCancerHighEnd_InhSoilDerm	4.84E-11	2.12E-10	4.24E-11	0.00E+00
333	1647	-390	7439921	Lead	5.28E-05	7.79E-10	25YrCancerHighEnd_InhSoilDerm	1.25E-10	5.45E-10	1.09E-10	0.00E+00
334	1650	-890	7439921	Lead	5.52E-05	8.15E-10	25YrCancerHighEnd_InhSoilDerm	1.30E-10	5.70E-10	1.14E-10	0.00E+00
335	1430	215	7439921	Lead	4.81E-05	7.10E-10	25YrCancerHighEnd_InhSoilDerm	1.14E-10	4.97E-10	9.94E-11	0.00E+00
336	1142	615	7439921	Lead	0.0000118	1.74E-10	25YrCancerHighEnd_InhSoilDerm	2.79E-11	1.22E-10	2.44E-11	0.00E+00
337	-333	-788	7439921	Lead	0.00000322	4.75E-11	25YrCancerHighEnd_InhSoilDerm	7.61E-12	3.33E-11	6.65E-12	0.00E+00
338	-42	-825	7439921	Lead	0.00000678	1.00E-10	25YrCancerHighEnd_InhSoilDerm	1.60E-11	7.00E-11	1.40E-11	0.00E+00
339	1900	-1175	7439921	Lead	0.0000214	3.16E-10	25YrCancerHighEnd_InhSoilDerm	5.06E-11	2.21E-10	4.42E-11	0.00E+00
340	1815	-1910	7439921	Lead	0.00000636	9.39E-11	25YrCancerHighEnd_InhSoilDerm	1.50E-11	6.57E-11	1.31E-11	0.00E+00
341	2575	-2650	7439921	Lead	0.00000303	4.47E-11	25YrCancerHighEnd_InhSoilDerm	7.16E-12	3.13E-11	6.26E-12	0.00E+00
342	2665	-2025	7439921	Lead	0.00000446	6.58E-11	25YrCancerHighEnd_InhSoilDerm	1.05E-11	4.61E-11	9.21E-12	0.00E+00
343	3480	-2025	7439921	Lead	0.00000356	5.25E-11	25YrCancerHighEnd_InhSoilDerm	8.41E-12	3.68E-11	7.35E-12	0.00E+00
344	2667	-1400	7439921	Lead	0.00000767	1.13E-10	25YrCancerHighEnd_InhSoilDerm	1.81E-11	7.92E-11	1.58E-11	0.00E+00
345	3400	-250	7439921	Lead	0.00000157	2.32E-11	25YrCancerHighEnd_InhSoilDerm	3.71E-12	1.62E-11	3.24E-12	0.00E+00
346	2577	-940	7439921	Lead	0.00000778	1.15E-10	25YrCancerHighEnd_InhSoilDerm	1.84E-11	8.04E-11	1.61E-11	0.00E+00
347	2404	-475	7439921	Lead	0.00000676	9.98E-11	25YrCancerHighEnd_InhSoilDerm	1.60E-11	6.98E-11	1.40E-11	0.00E+00
348	1577	291	7439921	Lead	0.0000109	1.61E-10	25YrCancerHighEnd_InhSoilDerm	2.58E-11	1.13E-10	2.25E-11	0.00E+00
349	2400	240	7439921	Lead	0.00000288	4.25E-11	25YrCancerHighEnd_InhSoilDerm	6.81E-12	2.97E-11	5.95E-12	0.00E+00
350	2600	1290	7439921	Lead	0.00000149	2.20E-11	25YrCancerHighEnd_InhSoilDerm	3.52E-12	1.54E-11	3.08E-12	0.00E+00
351	900	935	7439921	Lead	0.0000112	1.65E-10	25YrCancerHighEnd_InhSoilDerm	2.65E-11	1.16E-10	2.31E-11	0.00E+00
352	1375	1395	7439921	Lead	0.0000029	4.28E-11	25YrCancerHighEnd_InhSoilDerm	6.85E-12	3.00E-11	5.99E-12	0.00E+00
353	-1710.89	-383.91	7440020	Nickel	-0.0000118	-6.04E-10	25YrCancerHighEnd_InhSoilDerm	-6.04E-10	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.00000189	-9.68E-11	25YrCancerHighEnd_InhSoilDerm	-9.68E-11	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000032	1.64E-09	25YrCancerHighEnd_InhSoilDerm	1.64E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000341	1.75E-09	25YrCancerHighEnd_InhSoilDerm	1.75E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.0000148	7.58E-10	25YrCancerHighEnd_InhSoilDerm	7.58E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00001	5.12E-10	25YrCancerHighEnd_InhSoilDerm	5.12E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000414	-2.12E-10	25YrCancerHighEnd_InhSoilDerm	-2.12E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000169	-8.65E-10	25YrCancerHighEnd_InhSoilDerm	-8.65E-10	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000348	1.78E-09	25YrCancerHighEnd_InhSoilDerm	1.78E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000322	1.65E-09	25YrCancerHighEnd_InhSoilDerm	1.65E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000325	1.66E-09	25YrCancerHighEnd_InhSoilDerm	1.66E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000401	2.05E-09	25YrCancerHighEnd_InhSoilDerm	2.05E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000713	3.65E-09	25YrCancerHighEnd_InhSoilDerm	3.65E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000202	1.03E-08	25YrCancerHighEnd_InhSoilDerm	1.03E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000147	7.53E-09	25YrCancerHighEnd_InhSoilDerm	7.53E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000136	6.96E-09	25YrCancerHighEnd_InhSoilDerm	6.96E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000153	7.83E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-09	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00016	8.19E-09	25YrCancerHighEnd_InhSoilDerm	8.19E-09	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000461	2.36E-08	25YrCancerHighEnd_InhSoilDerm	2.36E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000273	1.40E-08	25YrCancerHighEnd_InhSoilDerm	1.40E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000357	1.83E-08	25YrCancerHighEnd_InhSoilDerm	1.83E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000325	1.66E-08	25YrCancerHighEnd_InhSoilDerm	1.66E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00099	5.07E-08	25YrCancerHighEnd_InhSoilDerm	5.07E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000542	2.78E-08	25YrCancerHighEnd_InhSoilDerm	2.78E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000552	2.83E-08	25YrCancerHighEnd_InhSoilDerm	2.83E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000628	3.22E-08	25YrCancerHighEnd_InhSoilDerm	3.22E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000701	3.59E-08	25YrCancerHighEnd_InhSoilDerm	3.59E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.00049	-2.51E-08	25YrCancerHighEnd_InhSoilDerm	-2.51E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000375	1.92E-09	25YrCancerHighEnd_InhSoilDerm	1.92E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000271	-1.39E-08	25YrCancerHighEnd_InhSoilDerm	-1.39E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000662	3.39E-09	25YrCancerHighEnd_InhSoilDerm	3.39E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000104	-5.32E-09	25YrCancerHighEnd_InhSoilDerm	-5.32E-09	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000414	2.12E-09	25YrCancerHighEnd_InhSoilDerm	2.12E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.000017	-8.70E-10	25YrCancerHighEnd_InhSoilDerm	-8.70E-10	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000198	1.01E-10	25YrCancerHighEnd_InhSoilDerm	1.01E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000351	1.80E-08	25YrCancerHighEnd_InhSoilDerm	1.80E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.84E-04	2.48E-08	25YrCancerHighEnd_InhSoilDerm	2.48E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000323	1.65E-08	25YrCancerHighEnd_InhSoilDerm	1.65E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000133	6.81E-09	25YrCancerHighEnd_InhSoilDerm	6.81E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000207	-1.06E-08	25YrCancerHighEnd_InhSoilDerm	-1.06E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000249	1.27E-10	25YrCancerHighEnd_InhSoilDerm	1.27E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000181	9.27E-11	25YrCancerHighEnd_InhSoilDerm	9.27E-11	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000228	1.17E-10	25YrCancerHighEnd_InhSoilDerm	1.17E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000409	2.09E-10	25YrCancerHighEnd_InhSoilDerm	2.09E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000437	2.24E-10	25YrCancerHighEnd_InhSoilDerm	2.24E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.000007	3.58E-10	25YrCancerHighEnd_InhSoilDerm	3.58E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000737	3.77E-10	25YrCancerHighEnd_InhSoilDerm	3.77E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000678	3.47E-10	25YrCancerHighEnd_InhSoilDerm	3.47E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.0000104	5.32E-10	25YrCancerHighEnd_InhSoilDerm	5.32E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000257	1.32E-10	25YrCancerHighEnd_InhSoilDerm	1.32E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000306	1.57E-10	25YrCancerHighEnd_InhSoilDerm	1.57E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000337	1.73E-10	25YrCancerHighEnd_InhSoilDerm	1.73E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.000015	-7.68E-10	25YrCancerHighEnd_InhSoilDerm	-7.68E-10	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000469	2.40E-10	25YrCancerHighEnd_InhSoilDerm	2.40E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.000007	3.58E-10	25YrCancerHighEnd_InhSoilDerm	3.58E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000284	1.45E-08	25YrCancerHighEnd_InhSoilDerm	1.45E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.00019	9.73E-09	25YrCancerHighEnd_InhSoilDerm	9.73E-09	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000996	5.10E-09	25YrCancerHighEnd_InhSoilDerm	5.10E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000131	-6.71E-09	25YrCancerHighEnd_InhSoilDerm	-6.71E-09	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000159	-8.14E-09	25YrCancerHighEnd_InhSoilDerm	-8.14E-09	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000513	2.63E-08	25YrCancerHighEnd_InhSoilDerm	2.63E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000213	1.09E-08	25YrCancerHighEnd_InhSoilDerm	1.09E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000355	1.82E-09	25YrCancerHighEnd_InhSoilDerm	1.82E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000374	1.91E-09	25YrCancerHighEnd_InhSoilDerm	1.91E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.0000106	5.43E-10	25YrCancerHighEnd_InhSoilDerm	5.43E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000156	7.99E-10	25YrCancerHighEnd_InhSoilDerm	7.99E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000188	9.63E-10	25YrCancerHighEnd_InhSoilDerm	9.63E-10	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000219	1.12E-08	25YrCancerHighEnd_InhSoilDerm	1.12E-08	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000707	3.62E-08	25YrCancerHighEnd_InhSoilDerm	3.62E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000721	3.69E-08	25YrCancerHighEnd_InhSoilDerm	3.69E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000675	3.46E-08	25YrCancerHighEnd_InhSoilDerm	3.46E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000142	7.27E-09	25YrCancerHighEnd_InhSoilDerm	7.27E-09	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000127	6.50E-10	25YrCancerHighEnd_InhSoilDerm	6.50E-10	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000637	3.26E-09	25YrCancerHighEnd_InhSoilDerm	3.26E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000265	1.36E-08	25YrCancerHighEnd_InhSoilDerm	1.36E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000677	3.47E-09	25YrCancerHighEnd_InhSoilDerm	3.47E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000295	1.51E-09	25YrCancerHighEnd_InhSoilDerm	1.51E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000449	2.30E-09	25YrCancerHighEnd_InhSoilDerm	2.30E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000348	1.78E-09	25YrCancerHighEnd_InhSoilDerm	1.78E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000825	4.22E-09	25YrCancerHighEnd_InhSoilDerm	4.22E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000148	7.58E-10	25YrCancerHighEnd_InhSoilDerm	7.58E-10	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000804	4.12E-09	25YrCancerHighEnd_InhSoilDerm	4.12E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000075	3.84E-09	25YrCancerHighEnd_InhSoilDerm	3.84E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000138	7.07E-09	25YrCancerHighEnd_InhSoilDerm	7.07E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000032	1.64E-09	25YrCancerHighEnd_InhSoilDerm	1.64E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000154	7.88E-10	25YrCancerHighEnd_InhSoilDerm	7.88E-10	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000103	5.27E-09	25YrCancerHighEnd_InhSoilDerm	5.27E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000274	1.40E-09	25YrCancerHighEnd_InhSoilDerm	1.40E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0686	4.25E-06	25YrCancerHighEnd_InhSoilDerm	4.25E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0646	4.00E-06	25YrCancerHighEnd_InhSoilDerm	4.00E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0942	5.83E-06	25YrCancerHighEnd_InhSoilDerm	5.83E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.105	6.50E-06	25YrCancerHighEnd_InhSoilDerm	6.50E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0428	2.65E-06	25YrCancerHighEnd_InhSoilDerm	2.65E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.037	2.29E-06	25YrCancerHighEnd_InhSoilDerm	2.29E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00131	8.11E-08	25YrCancerHighEnd_InhSoilDerm	8.11E-08	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0304	-1.88E-06	25YrCancerHighEnd_InhSoilDerm	-1.88E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0422	2.61E-06	25YrCancerHighEnd_InhSoilDerm	2.61E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0256	1.58E-06	25YrCancerHighEnd_InhSoilDerm	1.58E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00654	4.05E-07	25YrCancerHighEnd_InhSoilDerm	4.05E-07	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000824	5.10E-08	25YrCancerHighEnd_InhSoilDerm	5.10E-08	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0631	-3.91E-06	25YrCancerHighEnd_InhSoilDerm	-3.91E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0295	-1.83E-06	25YrCancerHighEnd_InhSoilDerm	-1.83E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0166	-1.03E-06	25YrCancerHighEnd_InhSoilDerm	-1.03E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.000831	-5.14E-08	25YrCancerHighEnd_InhSoilDerm	-5.14E-08	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.01	6.19E-07	25YrCancerHighEnd_InhSoilDerm	6.19E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0183	1.13E-06	25YrCancerHighEnd_InhSoilDerm	1.13E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0771	4.77E-06	25YrCancerHighEnd_InhSoilDerm	4.77E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0385	2.38E-06	25YrCancerHighEnd_InhSoilDerm	2.38E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0191	1.18E-06	25YrCancerHighEnd_InhSoilDerm	1.18E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0236	1.46E-06	25YrCancerHighEnd_InhSoilDerm	1.46E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.02	1.24E-06	25YrCancerHighEnd_InhSoilDerm	1.24E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0387	2.40E-06	25YrCancerHighEnd_InhSoilDerm	2.40E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0597	3.69E-06	25YrCancerHighEnd_InhSoilDerm	3.69E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.125	7.74E-06	25YrCancerHighEnd_InhSoilDerm	7.74E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.249	1.54E-05	25YrCancerHighEnd_InhSoilDerm	1.54E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0275	1.70E-06	25YrCancerHighEnd_InhSoilDerm	1.70E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0201	-1.24E-06	25YrCancerHighEnd_InhSoilDerm	-1.24E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0125	-7.74E-07	25YrCancerHighEnd_InhSoilDerm	-7.74E-07	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0602	3.73E-06	25YrCancerHighEnd_InhSoilDerm	3.73E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.148	9.16E-06	25YrCancerHighEnd_InhSoilDerm	9.16E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.143	8.85E-06	25YrCancerHighEnd_InhSoilDerm	8.85E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0331	-2.05E-06	25YrCancerHighEnd_InhSoilDerm	-2.05E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.00345	-2.14E-07	25YrCancerHighEnd_InhSoilDerm	-2.14E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	2.64E-06	25YrCancerHighEnd_InhSoilDerm	2.64E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0825	5.11E-06	25YrCancerHighEnd_InhSoilDerm	5.11E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0282	1.75E-06	25YrCancerHighEnd_InhSoilDerm	1.75E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.206	1.27E-05	25YrCancerHighEnd_InhSoilDerm	1.27E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0205	1.27E-06	25YrCancerHighEnd_InhSoilDerm	1.27E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000828	5.12E-08	25YrCancerHighEnd_InhSoilDerm	5.12E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000589	3.65E-08	25YrCancerHighEnd_InhSoilDerm	3.65E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000985	6.10E-08	25YrCancerHighEnd_InhSoilDerm	6.10E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00261	1.62E-07	25YrCancerHighEnd_InhSoilDerm	1.62E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00268	1.66E-07	25YrCancerHighEnd_InhSoilDerm	1.66E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00601	3.72E-07	25YrCancerHighEnd_InhSoilDerm	3.72E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00828	5.12E-07	25YrCancerHighEnd_InhSoilDerm	5.12E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00726	4.49E-07	25YrCancerHighEnd_InhSoilDerm	4.49E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0244	1.51E-06	25YrCancerHighEnd_InhSoilDerm	1.51E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000997	6.17E-08	25YrCancerHighEnd_InhSoilDerm	6.17E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00106	6.56E-08	25YrCancerHighEnd_InhSoilDerm	6.56E-08	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00427	2.64E-07	25YrCancerHighEnd_InhSoilDerm	2.64E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0288	-1.78E-06	25YrCancerHighEnd_InhSoilDerm	-1.78E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00606	3.75E-07	25YrCancerHighEnd_InhSoilDerm	3.75E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.0022	1.36E-07	25YrCancerHighEnd_InhSoilDerm	1.36E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0524	3.24E-06	25YrCancerHighEnd_InhSoilDerm	3.24E-06	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0172	1.06E-06	25YrCancerHighEnd_InhSoilDerm	1.06E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0379	2.35E-06	25YrCancerHighEnd_InhSoilDerm	2.35E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0405	2.51E-06	25YrCancerHighEnd_InhSoilDerm	2.51E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.00363	2.25E-07	25YrCancerHighEnd_InhSoilDerm	2.25E-07	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0112	6.93E-07	25YrCancerHighEnd_InhSoilDerm	6.93E-07	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0115	7.12E-07	25YrCancerHighEnd_InhSoilDerm	7.12E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00425	2.63E-07	25YrCancerHighEnd_InhSoilDerm	2.63E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00389	2.41E-07	25YrCancerHighEnd_InhSoilDerm	2.41E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000878	5.43E-08	25YrCancerHighEnd_InhSoilDerm	5.43E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00227	1.40E-07	25YrCancerHighEnd_InhSoilDerm	1.40E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000932	5.77E-08	25YrCancerHighEnd_InhSoilDerm	5.77E-08	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0291	1.80E-06	25YrCancerHighEnd_InhSoilDerm	1.80E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00847	5.24E-07	25YrCancerHighEnd_InhSoilDerm	5.24E-07	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00259	1.60E-07	25YrCancerHighEnd_InhSoilDerm	1.60E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00153	-9.47E-08	25YrCancerHighEnd_InhSoilDerm	-9.47E-08	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0116	7.18E-07	25YrCancerHighEnd_InhSoilDerm	7.18E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0374	2.31E-06	25YrCancerHighEnd_InhSoilDerm	2.31E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0659	4.08E-06	25YrCancerHighEnd_InhSoilDerm	4.08E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0114	7.06E-07	25YrCancerHighEnd_InhSoilDerm	7.06E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00918	5.68E-07	25YrCancerHighEnd_InhSoilDerm	5.68E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00517	3.20E-07	25YrCancerHighEnd_InhSoilDerm	3.20E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00695	4.30E-07	25YrCancerHighEnd_InhSoilDerm	4.30E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00534	3.30E-07	25YrCancerHighEnd_InhSoilDerm	3.30E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00749	4.64E-07	25YrCancerHighEnd_InhSoilDerm	4.64E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000916	5.67E-08	25YrCancerHighEnd_InhSoilDerm	5.67E-08	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.0062	3.84E-07	25YrCancerHighEnd_InhSoilDerm	3.84E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00408	2.53E-07	25YrCancerHighEnd_InhSoilDerm	2.53E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00427	2.64E-07	25YrCancerHighEnd_InhSoilDerm	2.64E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00126	7.80E-08	25YrCancerHighEnd_InhSoilDerm	7.80E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.002	1.24E-07	25YrCancerHighEnd_InhSoilDerm	1.24E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00222	1.37E-07	25YrCancerHighEnd_InhSoilDerm	1.37E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00356	2.20E-07	25YrCancerHighEnd_InhSoilDerm	2.20E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00151	5.10E-08	25YrCancerHighEnd_InhSoilDerm	5.10E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00142	4.79E-08	25YrCancerHighEnd_InhSoilDerm	4.79E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00191	6.45E-08	25YrCancerHighEnd_InhSoilDerm	6.45E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00216	7.29E-08	25YrCancerHighEnd_InhSoilDerm	7.29E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00178	6.01E-08	25YrCancerHighEnd_InhSoilDerm	6.01E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00532	1.80E-07	25YrCancerHighEnd_InhSoilDerm	1.80E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00653	2.20E-07	25YrCancerHighEnd_InhSoilDerm	2.20E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00423	1.43E-07	25YrCancerHighEnd_InhSoilDerm	1.43E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00586	1.98E-07	25YrCancerHighEnd_InhSoilDerm	1.98E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00386	1.30E-07	25YrCancerHighEnd_InhSoilDerm	1.30E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00236	7.97E-08	25YrCancerHighEnd_InhSoilDerm	7.97E-08	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00184	6.21E-08	25YrCancerHighEnd_InhSoilDerm	6.21E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	3.88E-08	25YrCancerHighEnd_InhSoilDerm	3.88E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000332	1.12E-09	25YrCancerHighEnd_InhSoilDerm	1.12E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000715	2.41E-08	25YrCancerHighEnd_InhSoilDerm	2.41E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	3.85E-08	25YrCancerHighEnd_InhSoilDerm	3.85E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00131	4.42E-08	25YrCancerHighEnd_InhSoilDerm	4.42E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00161	5.43E-08	25YrCancerHighEnd_InhSoilDerm	5.43E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00359	1.21E-07	25YrCancerHighEnd_InhSoilDerm	1.21E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00579	1.95E-07	25YrCancerHighEnd_InhSoilDerm	1.95E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00981	3.31E-07	25YrCancerHighEnd_InhSoilDerm	3.31E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	6.99E-07	25YrCancerHighEnd_InhSoilDerm	6.99E-07	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00705	2.38E-07	25YrCancerHighEnd_InhSoilDerm	2.38E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00724	2.44E-07	25YrCancerHighEnd_InhSoilDerm	2.44E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00716	2.42E-07	25YrCancerHighEnd_InhSoilDerm	2.42E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00688	2.32E-07	25YrCancerHighEnd_InhSoilDerm	2.32E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00716	2.42E-07	25YrCancerHighEnd_InhSoilDerm	2.42E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00394	1.33E-07	25YrCancerHighEnd_InhSoilDerm	1.33E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00301	1.02E-07	25YrCancerHighEnd_InhSoilDerm	1.02E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00121	4.08E-08	25YrCancerHighEnd_InhSoilDerm	4.08E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000993	3.35E-08	25YrCancerHighEnd_InhSoilDerm	3.35E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00258	8.71E-08	25YrCancerHighEnd_InhSoilDerm	8.71E-08	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00206	6.95E-08	25YrCancerHighEnd_InhSoilDerm	6.95E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00454	1.53E-07	25YrCancerHighEnd_InhSoilDerm	1.53E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00534	1.80E-07	25YrCancerHighEnd_InhSoilDerm	1.80E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000546	1.84E-08	25YrCancerHighEnd_InhSoilDerm	1.84E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00177	5.98E-08	25YrCancerHighEnd_InhSoilDerm	5.98E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	5.54E-07	25YrCancerHighEnd_InhSoilDerm	5.54E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00597	2.02E-07	25YrCancerHighEnd_InhSoilDerm	2.02E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000988	3.34E-08	25YrCancerHighEnd_InhSoilDerm	3.34E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000132	4.46E-09	25YrCancerHighEnd_InhSoilDerm	4.46E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.000083	2.80E-09	25YrCancerHighEnd_InhSoilDerm	2.80E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000123	4.15E-09	25YrCancerHighEnd_InhSoilDerm	4.15E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000264	8.91E-09	25YrCancerHighEnd_InhSoilDerm	8.91E-09	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000293	9.89E-09	25YrCancerHighEnd_InhSoilDerm	9.89E-09	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00043	1.45E-08	25YrCancerHighEnd_InhSoilDerm	1.45E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000615	2.08E-08	25YrCancerHighEnd_InhSoilDerm	2.08E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000722	2.44E-08	25YrCancerHighEnd_InhSoilDerm	2.44E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000937	3.16E-08	25YrCancerHighEnd_InhSoilDerm	3.16E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000177	5.98E-09	25YrCancerHighEnd_InhSoilDerm	5.98E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000208	7.02E-09	25YrCancerHighEnd_InhSoilDerm	7.02E-09	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000489	1.65E-08	25YrCancerHighEnd_InhSoilDerm	1.65E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00444	1.50E-07	25YrCancerHighEnd_InhSoilDerm	1.50E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000452	1.53E-08	25YrCancerHighEnd_InhSoilDerm	1.53E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000887	2.99E-08	25YrCancerHighEnd_InhSoilDerm	2.99E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00821	2.77E-07	25YrCancerHighEnd_InhSoilDerm	2.77E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000984	3.32E-08	25YrCancerHighEnd_InhSoilDerm	3.32E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000414	1.40E-08	25YrCancerHighEnd_InhSoilDerm	1.40E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00152	5.13E-08	25YrCancerHighEnd_InhSoilDerm	5.13E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00216	7.29E-08	25YrCancerHighEnd_InhSoilDerm	7.29E-08	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00392	1.32E-07	25YrCancerHighEnd_InhSoilDerm	1.32E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.003	1.01E-07	25YrCancerHighEnd_InhSoilDerm	1.01E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	5.13E-08	25YrCancerHighEnd_InhSoilDerm	5.13E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	5.27E-08	25YrCancerHighEnd_InhSoilDerm	5.27E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	9.96E-09	25YrCancerHighEnd_InhSoilDerm	9.96E-09	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	3.78E-08	25YrCancerHighEnd_InhSoilDerm	3.78E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000439	1.48E-08	25YrCancerHighEnd_InhSoilDerm	1.48E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	2.39E-07	25YrCancerHighEnd_InhSoilDerm	2.39E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.0017	5.74E-08	25YrCancerHighEnd_InhSoilDerm	5.74E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00403	1.36E-07	25YrCancerHighEnd_InhSoilDerm	1.36E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000558	-1.88E-08	25YrCancerHighEnd_InhSoilDerm	-1.88E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.0011	3.71E-08	25YrCancerHighEnd_InhSoilDerm	3.71E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00418	1.41E-07	25YrCancerHighEnd_InhSoilDerm	1.41E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	1.70E-07	25YrCancerHighEnd_InhSoilDerm	1.70E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00383	1.29E-07	25YrCancerHighEnd_InhSoilDerm	1.29E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	7.19E-08	25YrCancerHighEnd_InhSoilDerm	7.19E-08	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	4.22E-08	25YrCancerHighEnd_InhSoilDerm	4.22E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	6.01E-08	25YrCancerHighEnd_InhSoilDerm	6.01E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	5.00E-08	25YrCancerHighEnd_InhSoilDerm	5.00E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	8.27E-08	25YrCancerHighEnd_InhSoilDerm	8.27E-08	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	1.59E-08	25YrCancerHighEnd_InhSoilDerm	1.59E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	8.41E-08	25YrCancerHighEnd_InhSoilDerm	8.41E-08	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	4.83E-08	25YrCancerHighEnd_InhSoilDerm	4.83E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00111	3.75E-08	25YrCancerHighEnd_InhSoilDerm	3.75E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000503	1.70E-08	25YrCancerHighEnd_InhSoilDerm	1.70E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	1.45E-08	25YrCancerHighEnd_InhSoilDerm	1.45E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	3.54E-08	25YrCancerHighEnd_InhSoilDerm	3.54E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	2.90E-08	25YrCancerHighEnd_InhSoilDerm	2.90E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00314	1.77E-09	25YrCancerHighEnd_InhSoilDerm	1.77E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00322	1.81E-09	25YrCancerHighEnd_InhSoilDerm	1.81E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00503	2.83E-09	25YrCancerHighEnd_InhSoilDerm	2.83E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00571	3.21E-09	25YrCancerHighEnd_InhSoilDerm	3.21E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00448	2.52E-09	25YrCancerHighEnd_InhSoilDerm	2.52E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0133	7.48E-09	25YrCancerHighEnd_InhSoilDerm	7.48E-09	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.016	9.00E-09	25YrCancerHighEnd_InhSoilDerm	9.00E-09	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00982	5.53E-09	25YrCancerHighEnd_InhSoilDerm	5.53E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	8.16E-09	25YrCancerHighEnd_InhSoilDerm	8.16E-09	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	5.29E-09	25YrCancerHighEnd_InhSoilDerm	5.29E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00547	3.08E-09	25YrCancerHighEnd_InhSoilDerm	3.08E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00402	2.26E-09	25YrCancerHighEnd_InhSoilDerm	2.26E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00154	8.66E-10	25YrCancerHighEnd_InhSoilDerm	8.66E-10	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.0023	-1.29E-09	25YrCancerHighEnd_InhSoilDerm	-1.29E-09	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000202	1.14E-10	25YrCancerHighEnd_InhSoilDerm	1.14E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00171	9.62E-10	25YrCancerHighEnd_InhSoilDerm	9.62E-10	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00219	1.23E-09	25YrCancerHighEnd_InhSoilDerm	1.23E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00305	1.72E-09	25YrCancerHighEnd_InhSoilDerm	1.72E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00748	4.21E-09	25YrCancerHighEnd_InhSoilDerm	4.21E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	7.43E-09	25YrCancerHighEnd_InhSoilDerm	7.43E-09	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0226	1.27E-08	25YrCancerHighEnd_InhSoilDerm	1.27E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0503	2.83E-08	25YrCancerHighEnd_InhSoilDerm	2.83E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0116	6.53E-09	25YrCancerHighEnd_InhSoilDerm	6.53E-09	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0131	7.37E-09	25YrCancerHighEnd_InhSoilDerm	7.37E-09	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0123	6.92E-09	25YrCancerHighEnd_InhSoilDerm	6.92E-09	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0115	6.47E-09	25YrCancerHighEnd_InhSoilDerm	6.47E-09	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.014	7.88E-09	25YrCancerHighEnd_InhSoilDerm	7.88E-09	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.97E-03	2.80E-09	25YrCancerHighEnd_InhSoilDerm	2.80E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.11E-03	1.19E-09	25YrCancerHighEnd_InhSoilDerm	1.19E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.33E-03	-1.87E-09	25YrCancerHighEnd_InhSoilDerm	-1.87E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-7.18E-04	-4.04E-10	25YrCancerHighEnd_InhSoilDerm	-4.04E-10	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	5.00E-03	2.81E-09	25YrCancerHighEnd_InhSoilDerm	2.81E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	5.47E-03	3.08E-09	25YrCancerHighEnd_InhSoilDerm	3.08E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.07E-02	6.02E-09	25YrCancerHighEnd_InhSoilDerm	6.02E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.28E-02	7.20E-09	25YrCancerHighEnd_InhSoilDerm	7.20E-09	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00133	-7.48E-10	25YrCancerHighEnd_InhSoilDerm	-7.48E-10	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.54E-03	1.43E-09	25YrCancerHighEnd_InhSoilDerm	1.43E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	2.21E-08	25YrCancerHighEnd_InhSoilDerm	2.21E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.10E-02	6.19E-09	25YrCancerHighEnd_InhSoilDerm	6.19E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00259	-1.46E-09	25YrCancerHighEnd_InhSoilDerm	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.98E-04	1.68E-10	25YrCancerHighEnd_InhSoilDerm	1.68E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000186	1.05E-10	25YrCancerHighEnd_InhSoilDerm	1.05E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000276	1.55E-10	25YrCancerHighEnd_InhSoilDerm	1.55E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000614	3.45E-10	25YrCancerHighEnd_InhSoilDerm	3.45E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000673	3.79E-10	25YrCancerHighEnd_InhSoilDerm	3.79E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000968	5.45E-10	25YrCancerHighEnd_InhSoilDerm	5.45E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00145	8.16E-10	25YrCancerHighEnd_InhSoilDerm	8.16E-10	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00174	9.79E-10	25YrCancerHighEnd_InhSoilDerm	9.79E-10	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00233	1.31E-09	25YrCancerHighEnd_InhSoilDerm	1.31E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000411	2.31E-10	25YrCancerHighEnd_InhSoilDerm	2.31E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000485	2.73E-10	25YrCancerHighEnd_InhSoilDerm	2.73E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.17E-03	6.58E-10	25YrCancerHighEnd_InhSoilDerm	6.58E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0105	5.91E-09	25YrCancerHighEnd_InhSoilDerm	5.91E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	1.08E-03	6.08E-10	25YrCancerHighEnd_InhSoilDerm	6.08E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.16E-09	25YrCancerHighEnd_InhSoilDerm	1.16E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.06E-08	25YrCancerHighEnd_InhSoilDerm	1.06E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00142	7.99E-10	25YrCancerHighEnd_InhSoilDerm	7.99E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000645	-3.63E-10	25YrCancerHighEnd_InhSoilDerm	-3.63E-10	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000531	2.99E-10	25YrCancerHighEnd_InhSoilDerm	2.99E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000959	5.40E-10	25YrCancerHighEnd_InhSoilDerm	5.40E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00774	4.35E-09	25YrCancerHighEnd_InhSoilDerm	4.35E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00623	3.51E-09	25YrCancerHighEnd_InhSoilDerm	3.51E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	2.06E-09	25YrCancerHighEnd_InhSoilDerm	2.06E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	2.10E-09	25YrCancerHighEnd_InhSoilDerm	2.10E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00068	3.83E-10	25YrCancerHighEnd_InhSoilDerm	3.83E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00254	1.43E-09	25YrCancerHighEnd_InhSoilDerm	1.43E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000992	5.58E-10	25YrCancerHighEnd_InhSoilDerm	5.58E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	9.34E-09	25YrCancerHighEnd_InhSoilDerm	9.34E-09	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000878	4.94E-10	25YrCancerHighEnd_InhSoilDerm	4.94E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00627	3.53E-09	25YrCancerHighEnd_InhSoilDerm	3.53E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00467	-2.63E-09	25YrCancerHighEnd_InhSoilDerm	-2.63E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00196	1.10E-09	25YrCancerHighEnd_InhSoilDerm	1.10E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00915	5.15E-09	25YrCancerHighEnd_InhSoilDerm	5.15E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	6.53E-09	25YrCancerHighEnd_InhSoilDerm	6.53E-09	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00865	4.87E-09	25YrCancerHighEnd_InhSoilDerm	4.87E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00496	2.79E-09	25YrCancerHighEnd_InhSoilDerm	2.79E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00296	1.67E-09	25YrCancerHighEnd_InhSoilDerm	1.67E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	2.37E-09	25YrCancerHighEnd_InhSoilDerm	2.37E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	1.99E-09	25YrCancerHighEnd_InhSoilDerm	1.99E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00581	3.27E-09	25YrCancerHighEnd_InhSoilDerm	3.27E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	6.13E-10	25YrCancerHighEnd_InhSoilDerm	6.13E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00593	3.34E-09	25YrCancerHighEnd_InhSoilDerm	3.34E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00325	1.83E-09	25YrCancerHighEnd_InhSoilDerm	1.83E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00208	1.17E-09	25YrCancerHighEnd_InhSoilDerm	1.17E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	6.08E-10	25YrCancerHighEnd_InhSoilDerm	6.08E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.001	5.63E-10	25YrCancerHighEnd_InhSoilDerm	5.63E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00206	1.16E-09	25YrCancerHighEnd_InhSoilDerm	1.16E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.002	1.13E-09	25YrCancerHighEnd_InhSoilDerm	1.13E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00718	-4.04E-08	25YrCancerHighEnd_InhSoilDerm	-4.04E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00338	-1.90E-08	25YrCancerHighEnd_InhSoilDerm	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.0044	2.48E-08	25YrCancerHighEnd_InhSoilDerm	2.48E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0053	2.98E-08	25YrCancerHighEnd_InhSoilDerm	2.98E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.00151	8.50E-09	25YrCancerHighEnd_InhSoilDerm	8.50E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00298	1.68E-08	25YrCancerHighEnd_InhSoilDerm	1.68E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.0000149	8.38E-11	25YrCancerHighEnd_InhSoilDerm	8.38E-11	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00723	-4.07E-08	25YrCancerHighEnd_InhSoilDerm	-4.07E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00145	8.16E-09	25YrCancerHighEnd_InhSoilDerm	8.16E-09	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00105	-5.91E-09	25YrCancerHighEnd_InhSoilDerm	-5.91E-09	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00415	-2.33E-08	25YrCancerHighEnd_InhSoilDerm	-2.33E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.0064	-3.60E-08	25YrCancerHighEnd_InhSoilDerm	-3.60E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0163	-9.17E-08	25YrCancerHighEnd_InhSoilDerm	-9.17E-08	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0304	-1.71E-07	25YrCancerHighEnd_InhSoilDerm	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0199	-1.12E-07	25YrCancerHighEnd_InhSoilDerm	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.014	-7.88E-08	25YrCancerHighEnd_InhSoilDerm	-7.88E-08	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0131	-7.37E-08	25YrCancerHighEnd_InhSoilDerm	-7.37E-08	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0114	-6.41E-08	25YrCancerHighEnd_InhSoilDerm	-6.41E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.017	-9.56E-08	25YrCancerHighEnd_InhSoilDerm	-9.56E-08	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0123	-6.92E-08	25YrCancerHighEnd_InhSoilDerm	-6.92E-08	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0192	-1.08E-07	25YrCancerHighEnd_InhSoilDerm	-1.08E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00685	-3.85E-08	25YrCancerHighEnd_InhSoilDerm	-3.85E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0733	-4.12E-07	25YrCancerHighEnd_InhSoilDerm	-4.12E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0598	-3.36E-07	25YrCancerHighEnd_InhSoilDerm	-3.36E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0668	-3.76E-07	25YrCancerHighEnd_InhSoilDerm	-3.76E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0685	-3.85E-07	25YrCancerHighEnd_InhSoilDerm	-3.85E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0456	-2.57E-07	25YrCancerHighEnd_InhSoilDerm	-2.57E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0602	-3.39E-07	25YrCancerHighEnd_InhSoilDerm	-3.39E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0674	-3.79E-07	25YrCancerHighEnd_InhSoilDerm	-3.79E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0804	-4.52E-07	25YrCancerHighEnd_InhSoilDerm	-4.52E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0403	-2.27E-07	25YrCancerHighEnd_InhSoilDerm	-2.27E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0169	-9.51E-08	25YrCancerHighEnd_InhSoilDerm	-9.51E-08	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00534	3.00E-08	25YrCancerHighEnd_InhSoilDerm	3.00E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.94E-03	-3.34E-08	25YrCancerHighEnd_InhSoilDerm	-3.34E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-4.13E-03	-2.32E-08	25YrCancerHighEnd_InhSoilDerm	-2.32E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.41E-02	-1.92E-07	25YrCancerHighEnd_InhSoilDerm	-1.92E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.29E-02	-1.29E-07	25YrCancerHighEnd_InhSoilDerm	-1.29E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.30E-02	-7.31E-08	25YrCancerHighEnd_InhSoilDerm	-7.31E-08	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.72E-02	-2.66E-07	25YrCancerHighEnd_InhSoilDerm	-2.66E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.41E-02	-3.61E-07	25YrCancerHighEnd_InhSoilDerm	-3.61E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.18E-04	-1.79E-09	25YrCancerHighEnd_InhSoilDerm	-1.79E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.30E-04	-1.29E-09	25YrCancerHighEnd_InhSoilDerm	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.41E-04	-1.92E-09	25YrCancerHighEnd_InhSoilDerm	-1.92E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-4.28E-04	-2.41E-09	25YrCancerHighEnd_InhSoilDerm	-2.41E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.01E-04	-3.38E-09	25YrCancerHighEnd_InhSoilDerm	-3.38E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.12E-03	-6.30E-09	25YrCancerHighEnd_InhSoilDerm	-6.30E-09	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-6.96E-04	-3.92E-09	25YrCancerHighEnd_InhSoilDerm	-3.92E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-4.13E-04	-2.32E-09	25YrCancerHighEnd_InhSoilDerm	-2.32E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	4.25E-04	2.39E-09	25YrCancerHighEnd_InhSoilDerm	2.39E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.07E-04	-1.73E-09	25YrCancerHighEnd_InhSoilDerm	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.38E-04	-1.90E-09	25YrCancerHighEnd_InhSoilDerm	-1.90E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-3.82E-04	-2.15E-09	25YrCancerHighEnd_InhSoilDerm	-2.15E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-5.42E-03	-3.05E-08	25YrCancerHighEnd_InhSoilDerm	-3.05E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-3.55E-04	-2.00E-09	25YrCancerHighEnd_InhSoilDerm	-2.00E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.42E-03	-7.99E-09	25YrCancerHighEnd_InhSoilDerm	-7.99E-09	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.54E-02	-8.66E-08	25YrCancerHighEnd_InhSoilDerm	-8.66E-08	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.28E-02	-7.20E-08	25YrCancerHighEnd_InhSoilDerm	-7.20E-08	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.12E-02	-1.19E-07	25YrCancerHighEnd_InhSoilDerm	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.10E-02	-2.31E-07	25YrCancerHighEnd_InhSoilDerm	-2.31E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.54E-02	-3.12E-07	25YrCancerHighEnd_InhSoilDerm	-3.12E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.40E-02	-1.35E-07	25YrCancerHighEnd_InhSoilDerm	-1.35E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.45E-02	-8.16E-08	25YrCancerHighEnd_InhSoilDerm	-8.16E-08	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.74E-04	-5.48E-09	25YrCancerHighEnd_InhSoilDerm	-5.48E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.22E-03	-6.86E-09	25YrCancerHighEnd_InhSoilDerm	-6.86E-09	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.68E-04	-3.20E-09	25YrCancerHighEnd_InhSoilDerm	-3.20E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.51E-03	-1.41E-08	25YrCancerHighEnd_InhSoilDerm	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.08E-03	-6.08E-09	25YrCancerHighEnd_InhSoilDerm	-6.08E-09	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.45E-03	-5.32E-08	25YrCancerHighEnd_InhSoilDerm	-5.32E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.21E-02	-2.37E-07	25YrCancerHighEnd_InhSoilDerm	-2.37E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.62E-02	-2.60E-07	25YrCancerHighEnd_InhSoilDerm	-2.60E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.22E-02	-2.37E-07	25YrCancerHighEnd_InhSoilDerm	-2.37E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.48E-03	-5.33E-08	25YrCancerHighEnd_InhSoilDerm	-5.33E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-8.05E-08	25YrCancerHighEnd_InhSoilDerm	-8.05E-08	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.14E-03	-5.14E-08	25YrCancerHighEnd_InhSoilDerm	-5.14E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.51E-03	-5.35E-08	25YrCancerHighEnd_InhSoilDerm	-5.35E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.37E-03	-1.90E-08	25YrCancerHighEnd_InhSoilDerm	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.42E-03	-7.99E-09	25YrCancerHighEnd_InhSoilDerm	-7.99E-09	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.93E-03	-1.09E-08	25YrCancerHighEnd_InhSoilDerm	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.26E-03	-7.09E-09	25YrCancerHighEnd_InhSoilDerm	-7.09E-09	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.54E-03	-1.43E-08	25YrCancerHighEnd_InhSoilDerm	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.35E-04	-4.70E-09	25YrCancerHighEnd_InhSoilDerm	-4.70E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.36E-03	-1.33E-08	25YrCancerHighEnd_InhSoilDerm	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.38E-03	-1.90E-08	25YrCancerHighEnd_InhSoilDerm	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.28E-03	-4.66E-08	25YrCancerHighEnd_InhSoilDerm	-4.66E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.91E-03	-1.07E-08	25YrCancerHighEnd_InhSoilDerm	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.87E-04	-3.87E-09	25YrCancerHighEnd_InhSoilDerm	-3.87E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.58E-03	-3.70E-08	25YrCancerHighEnd_InhSoilDerm	-3.70E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.47E-03	-8.27E-09	25YrCancerHighEnd_InhSoilDerm	-8.27E-09	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.45E-03	-1.20E-09	25YrCancerHighEnd_InhSoilDerm	-1.20E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.29E-03	-6.31E-10	25YrCancerHighEnd_InhSoilDerm	-6.31E-10	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	9.44E-04	4.62E-10	25YrCancerHighEnd_InhSoilDerm	4.62E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	1.17E-03	5.73E-10	25YrCancerHighEnd_InhSoilDerm	5.73E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	1.06E-04	5.19E-11	25YrCancerHighEnd_InhSoilDerm	5.19E-11	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.48E-04	-7.24E-11	25YrCancerHighEnd_InhSoilDerm	-7.24E-11	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.27E-03	-6.22E-10	25YrCancerHighEnd_InhSoilDerm	-6.22E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.99E-03	-1.46E-09	25YrCancerHighEnd_InhSoilDerm	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.13E-04	-3.49E-10	25YrCancerHighEnd_InhSoilDerm	-3.49E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.07E-03	-5.24E-10	25YrCancerHighEnd_InhSoilDerm	-5.24E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.71E-03	-8.37E-10	25YrCancerHighEnd_InhSoilDerm	-8.37E-10	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.28E-03	-1.12E-09	25YrCancerHighEnd_InhSoilDerm	-1.12E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00512	-2.51E-09	25YrCancerHighEnd_InhSoilDerm	-2.51E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00913	-4.47E-09	25YrCancerHighEnd_InhSoilDerm	-4.47E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00609	-2.98E-09	25YrCancerHighEnd_InhSoilDerm	-2.98E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00442	-2.16E-09	25YrCancerHighEnd_InhSoilDerm	-2.16E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00419	-2.05E-09	25YrCancerHighEnd_InhSoilDerm	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00373	-1.83E-09	25YrCancerHighEnd_InhSoilDerm	-1.83E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00579	-2.83E-09	25YrCancerHighEnd_InhSoilDerm	-2.83E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00483	-2.36E-09	25YrCancerHighEnd_InhSoilDerm	-2.36E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00767	-3.75E-09	25YrCancerHighEnd_InhSoilDerm	-3.75E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.0061	-2.99E-09	25YrCancerHighEnd_InhSoilDerm	-2.99E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0234	-1.15E-08	25YrCancerHighEnd_InhSoilDerm	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0194	-9.50E-09	25YrCancerHighEnd_InhSoilDerm	-9.50E-09	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0214	-1.05E-08	25YrCancerHighEnd_InhSoilDerm	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0219	-1.07E-08	25YrCancerHighEnd_InhSoilDerm	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0151	-7.39E-09	25YrCancerHighEnd_InhSoilDerm	-7.39E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0188	-9.20E-09	25YrCancerHighEnd_InhSoilDerm	-9.20E-09	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0208	-1.02E-08	25YrCancerHighEnd_InhSoilDerm	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0243	-1.19E-08	25YrCancerHighEnd_InhSoilDerm	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0123	-6.02E-09	25YrCancerHighEnd_InhSoilDerm	-6.02E-09	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00558	-2.73E-09	25YrCancerHighEnd_InhSoilDerm	-2.73E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.0012	5.87E-10	25YrCancerHighEnd_InhSoilDerm	5.87E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00267	-1.31E-09	25YrCancerHighEnd_InhSoilDerm	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00228	-1.12E-09	25YrCancerHighEnd_InhSoilDerm	-1.12E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0103	-5.04E-09	25YrCancerHighEnd_InhSoilDerm	-5.04E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00721	-3.53E-09	25YrCancerHighEnd_InhSoilDerm	-3.53E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00711	-3.48E-09	25YrCancerHighEnd_InhSoilDerm	-3.48E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0153	-7.49E-09	25YrCancerHighEnd_InhSoilDerm	-7.49E-09	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0194	-9.50E-09	25YrCancerHighEnd_InhSoilDerm	-9.50E-09	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000121	-5.92E-11	25YrCancerHighEnd_InhSoilDerm	-5.92E-11	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000852	-4.17E-11	25YrCancerHighEnd_InhSoilDerm	-4.17E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000126	-6.17E-11	25YrCancerHighEnd_InhSoilDerm	-6.17E-11	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.00018	-8.81E-11	25YrCancerHighEnd_InhSoilDerm	-8.81E-11	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000237	-1.16E-10	25YrCancerHighEnd_InhSoilDerm	-1.16E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000421	-2.06E-10	25YrCancerHighEnd_InhSoilDerm	-2.06E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000329	-1.61E-10	25YrCancerHighEnd_InhSoilDerm	-1.61E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000265	-1.30E-10	25YrCancerHighEnd_InhSoilDerm	-1.30E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000557	-2.73E-11	25YrCancerHighEnd_InhSoilDerm	-2.73E-11	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000127	-6.22E-11	25YrCancerHighEnd_InhSoilDerm	-6.22E-11	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000142	-6.95E-11	25YrCancerHighEnd_InhSoilDerm	-6.95E-11	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00021	-1.03E-10	25YrCancerHighEnd_InhSoilDerm	-1.03E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.49E-03	-1.22E-09	25YrCancerHighEnd_InhSoilDerm	-1.22E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.95E-04	-9.54E-11	25YrCancerHighEnd_InhSoilDerm	-9.54E-11	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.00E-04	-2.94E-10	25YrCancerHighEnd_InhSoilDerm	-2.94E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.22E-03	-3.04E-09	25YrCancerHighEnd_InhSoilDerm	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00402	-1.97E-09	25YrCancerHighEnd_InhSoilDerm	-1.97E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00644	-3.15E-09	25YrCancerHighEnd_InhSoilDerm	-3.15E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0126	-6.17E-09	25YrCancerHighEnd_InhSoilDerm	-6.17E-09	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.017	-8.32E-09	25YrCancerHighEnd_InhSoilDerm	-8.32E-09	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00795	-3.89E-09	25YrCancerHighEnd_InhSoilDerm	-3.89E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.94E-03	-2.42E-09	25YrCancerHighEnd_InhSoilDerm	-2.42E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.90E-04	-2.89E-10	25YrCancerHighEnd_InhSoilDerm	-2.89E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000671	-3.28E-10	25YrCancerHighEnd_InhSoilDerm	-3.28E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000228	-1.12E-10	25YrCancerHighEnd_InhSoilDerm	-1.12E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00097	-4.75E-10	25YrCancerHighEnd_InhSoilDerm	-4.75E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000409	-2.00E-10	25YrCancerHighEnd_InhSoilDerm	-2.00E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00422	-2.07E-09	25YrCancerHighEnd_InhSoilDerm	-2.07E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.013	-6.36E-09	25YrCancerHighEnd_InhSoilDerm	-6.36E-09	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0146	-7.15E-09	25YrCancerHighEnd_InhSoilDerm	-7.15E-09	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0125	-6.12E-09	25YrCancerHighEnd_InhSoilDerm	-6.12E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00306	-1.50E-09	25YrCancerHighEnd_InhSoilDerm	-1.50E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00511	-2.50E-09	25YrCancerHighEnd_InhSoilDerm	-2.50E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00372	-1.82E-09	25YrCancerHighEnd_InhSoilDerm	-1.82E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0036	-1.76E-09	25YrCancerHighEnd_InhSoilDerm	-1.76E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00143	-7.00E-10	25YrCancerHighEnd_InhSoilDerm	-7.00E-10	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.00067	-3.28E-10	25YrCancerHighEnd_InhSoilDerm	-3.28E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000928	-4.54E-10	25YrCancerHighEnd_InhSoilDerm	-4.54E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000669	-3.27E-10	25YrCancerHighEnd_InhSoilDerm	-3.27E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.24E-03	-6.07E-10	25YrCancerHighEnd_InhSoilDerm	-6.07E-10	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.43E-04	-1.68E-10	25YrCancerHighEnd_InhSoilDerm	-1.68E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00119	-5.82E-10	25YrCancerHighEnd_InhSoilDerm	-5.82E-10	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00129	-6.31E-10	25YrCancerHighEnd_InhSoilDerm	-6.31E-10	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.0027	-1.32E-09	25YrCancerHighEnd_InhSoilDerm	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.71E-04	-3.28E-10	25YrCancerHighEnd_InhSoilDerm	-3.28E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.90E-04	-1.42E-10	25YrCancerHighEnd_InhSoilDerm	-1.42E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.18E-03	-1.07E-09	25YrCancerHighEnd_InhSoilDerm	-1.07E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000608	-2.98E-10	25YrCancerHighEnd_InhSoilDerm	-2.98E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.0101	1.19E-08	25YrCancerHighEnd_InhSoilDerm	1.19E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00985	1.16E-08	25YrCancerHighEnd_InhSoilDerm	1.16E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0142	1.68E-08	25YrCancerHighEnd_InhSoilDerm	1.68E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0161	1.90E-08	25YrCancerHighEnd_InhSoilDerm	1.90E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0129	1.52E-08	25YrCancerHighEnd_InhSoilDerm	1.52E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0386	4.56E-08	25YrCancerHighEnd_InhSoilDerm	4.56E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.047	5.55E-08	25YrCancerHighEnd_InhSoilDerm	5.55E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0297	3.51E-08	25YrCancerHighEnd_InhSoilDerm	3.51E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	5.00E-08	25YrCancerHighEnd_InhSoilDerm	5.00E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	3.27E-08	25YrCancerHighEnd_InhSoilDerm	3.27E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	1.96E-08	25YrCancerHighEnd_InhSoilDerm	1.96E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	1.49E-08	25YrCancerHighEnd_InhSoilDerm	1.49E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00656	7.75E-09	25YrCancerHighEnd_InhSoilDerm	7.75E-09	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00291	-3.44E-09	25YrCancerHighEnd_InhSoilDerm	-3.44E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00309	3.65E-09	25YrCancerHighEnd_InhSoilDerm	3.65E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00678	8.01E-09	25YrCancerHighEnd_InhSoilDerm	8.01E-09	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00806	9.52E-09	25YrCancerHighEnd_InhSoilDerm	9.52E-09	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0104	1.23E-08	25YrCancerHighEnd_InhSoilDerm	1.23E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.41E-02	2.85E-08	25YrCancerHighEnd_InhSoilDerm	2.85E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0404	4.77E-08	25YrCancerHighEnd_InhSoilDerm	4.77E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0686	8.11E-08	25YrCancerHighEnd_InhSoilDerm	8.11E-08	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	1.75E-07	25YrCancerHighEnd_InhSoilDerm	1.75E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.31E-02	5.09E-08	25YrCancerHighEnd_InhSoilDerm	5.09E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0459	5.42E-08	25YrCancerHighEnd_InhSoilDerm	5.42E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.46E-02	5.27E-08	25YrCancerHighEnd_InhSoilDerm	5.27E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.24E-02	5.01E-08	25YrCancerHighEnd_InhSoilDerm	5.01E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0468	5.53E-08	25YrCancerHighEnd_InhSoilDerm	5.53E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0222	2.62E-08	25YrCancerHighEnd_InhSoilDerm	2.62E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0147	1.74E-08	25YrCancerHighEnd_InhSoilDerm	1.74E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000368	4.35E-10	25YrCancerHighEnd_InhSoilDerm	4.35E-10	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00297	3.51E-09	25YrCancerHighEnd_InhSoilDerm	3.51E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0168	1.98E-08	25YrCancerHighEnd_InhSoilDerm	1.98E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0153	1.81E-08	25YrCancerHighEnd_InhSoilDerm	1.81E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0321	3.79E-08	25YrCancerHighEnd_InhSoilDerm	3.79E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.038	4.49E-08	25YrCancerHighEnd_InhSoilDerm	4.49E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000398	4.70E-10	25YrCancerHighEnd_InhSoilDerm	4.70E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0103	1.22E-08	25YrCancerHighEnd_InhSoilDerm	1.22E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	1.38E-07	25YrCancerHighEnd_InhSoilDerm	1.38E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0381	4.50E-08	25YrCancerHighEnd_InhSoilDerm	4.50E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000473	5.59E-10	25YrCancerHighEnd_InhSoilDerm	5.59E-10	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000914	1.08E-09	25YrCancerHighEnd_InhSoilDerm	1.08E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000574	6.78E-10	25YrCancerHighEnd_InhSoilDerm	6.78E-10	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000852	1.01E-09	25YrCancerHighEnd_InhSoilDerm	1.01E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.85E-03	2.19E-09	25YrCancerHighEnd_InhSoilDerm	2.19E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00205	2.42E-09	25YrCancerHighEnd_InhSoilDerm	2.42E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00298	3.52E-09	25YrCancerHighEnd_InhSoilDerm	3.52E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00435	5.14E-09	25YrCancerHighEnd_InhSoilDerm	5.14E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00515	6.08E-09	25YrCancerHighEnd_InhSoilDerm	6.08E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00678	8.01E-09	25YrCancerHighEnd_InhSoilDerm	8.01E-09	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.24E-03	1.47E-09	25YrCancerHighEnd_InhSoilDerm	1.47E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00146	1.73E-09	25YrCancerHighEnd_InhSoilDerm	1.73E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00348	4.11E-09	25YrCancerHighEnd_InhSoilDerm	4.11E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0314	3.71E-08	25YrCancerHighEnd_InhSoilDerm	3.71E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00322	3.80E-09	25YrCancerHighEnd_InhSoilDerm	3.80E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00624	7.37E-09	25YrCancerHighEnd_InhSoilDerm	7.37E-09	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	6.78E-08	25YrCancerHighEnd_InhSoilDerm	6.78E-08	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00576	6.81E-09	25YrCancerHighEnd_InhSoilDerm	6.81E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000781	9.23E-10	25YrCancerHighEnd_InhSoilDerm	9.23E-10	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00671	7.9279E-09	25YrCancerHighEnd_InhSoilDerm	7.9279E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00979	1.1567E-08	25YrCancerHighEnd_InhSoilDerm	1.1567E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0257	3.0365E-08	25YrCancerHighEnd_InhSoilDerm	3.0365E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0201	2.3748E-08	25YrCancerHighEnd_InhSoilDerm	2.3748E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	1.2878E-08	25YrCancerHighEnd_InhSoilDerm	1.2878E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	1.3115E-08	25YrCancerHighEnd_InhSoilDerm	1.3115E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	2.4339E-09	25YrCancerHighEnd_InhSoilDerm	2.4339E-09	0	0	0

Proposed Project RAST Output 25-Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00777	9.1803E-09	25YrCancerHighEnd_InhSoilDerm	9.1803E-09	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	3.5918E-09	25YrCancerHighEnd_InhSoilDerm	3.5918E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	5.8957E-08	25YrCancerHighEnd_InhSoilDerm	5.8957E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00787	9.2985E-09	25YrCancerHighEnd_InhSoilDerm	9.2985E-09	0	0	0
950	1650	-890	50000	Formaldehyde	0.0242	2.8592E-08	25YrCancerHighEnd_InhSoilDerm	2.8592E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00838	-9.901E-09	25YrCancerHighEnd_InhSoilDerm	-9.901E-09	0	0	0
952	1142	615	50000	Formaldehyde	0.00694	8.1997E-09	25YrCancerHighEnd_InhSoilDerm	8.1997E-09	0	0	0
953	-333	-788	50000	Formaldehyde	0.0286	3.3791E-08	25YrCancerHighEnd_InhSoilDerm	3.3791E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	4.1707E-08	25YrCancerHighEnd_InhSoilDerm	4.1707E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	3.131E-08	25YrCancerHighEnd_InhSoilDerm	3.131E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.015	1.7723E-08	25YrCancerHighEnd_InhSoilDerm	1.7723E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00886	1.0468E-08	25YrCancerHighEnd_InhSoilDerm	1.0468E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	1.4887E-08	25YrCancerHighEnd_InhSoilDerm	1.4887E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.2406E-08	25YrCancerHighEnd_InhSoilDerm	1.2406E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	2.044E-08	25YrCancerHighEnd_InhSoilDerm	2.044E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	3.9108E-09	25YrCancerHighEnd_InhSoilDerm	3.9108E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	2.0913E-08	25YrCancerHighEnd_InhSoilDerm	2.0913E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00994	1.1744E-08	25YrCancerHighEnd_InhSoilDerm	1.1744E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00715	8.4478E-09	25YrCancerHighEnd_InhSoilDerm	8.4478E-09	0	0	0
965	2400	240	50000	Formaldehyde	0.00342	4.0408E-09	25YrCancerHighEnd_InhSoilDerm	4.0408E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00302	3.5682E-09	25YrCancerHighEnd_InhSoilDerm	3.5682E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00687	8.117E-09	25YrCancerHighEnd_InhSoilDerm	8.117E-09	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	7.1245E-09	25YrCancerHighEnd_InhSoilDerm	7.1245E-09	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.000001	1.9692E-13	25YrCancerHighEnd_InhSoilDerm	1.9692E-13	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.000000867	1.7073E-13	25YrCancerHighEnd_InhSoilDerm	1.7073E-13	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.000000822	1.6187E-13	25YrCancerHighEnd_InhSoilDerm	1.6187E-13	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.000000556	1.0949E-13	25YrCancerHighEnd_InhSoilDerm	1.0949E-13	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000006	1.1815E-13	25YrCancerHighEnd_InhSoilDerm	1.1815E-13	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.000000711	1.4001E-13	25YrCancerHighEnd_InhSoilDerm	1.4001E-13	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.00000149	2.9341E-13	25YrCancerHighEnd_InhSoilDerm	2.9341E-13	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.00000247	4.8639E-13	25YrCancerHighEnd_InhSoilDerm	4.8639E-13	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.000000578	1.1382E-13	25YrCancerHighEnd_InhSoilDerm	1.1382E-13	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.000000422	8.3099E-14	25YrCancerHighEnd_InhSoilDerm	8.3099E-14	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.000000333	6.5574E-14	25YrCancerHighEnd_InhSoilDerm	6.5574E-14	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.000000311	6.1241E-14	25YrCancerHighEnd_InhSoilDerm	6.1241E-14	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000000178	3.5051E-14	25YrCancerHighEnd_InhSoilDerm	3.5051E-14	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.000000178	3.5051E-14	25YrCancerHighEnd_InhSoilDerm	3.5051E-14	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.000000156	3.0719E-14	25YrCancerHighEnd_InhSoilDerm	3.0719E-14	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.000000156	3.0719E-14	25YrCancerHighEnd_InhSoilDerm	3.0719E-14	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.000000156	3.0719E-14	25YrCancerHighEnd_InhSoilDerm	3.0719E-14	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.000000178	3.5051E-14	25YrCancerHighEnd_InhSoilDerm	3.5051E-14	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.000000222	4.3716E-14	25YrCancerHighEnd_InhSoilDerm	4.3716E-14	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.000000333	6.5574E-14	25YrCancerHighEnd_InhSoilDerm	6.5574E-14	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.000000422	8.3099E-14	25YrCancerHighEnd_InhSoilDerm	8.3099E-14	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.000000489	9.6293E-14	25YrCancerHighEnd_InhSoilDerm	9.6293E-14	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.000000667	1.3134E-13	25YrCancerHighEnd_InhSoilDerm	1.3134E-13	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.00000104	2.0479E-13	25YrCancerHighEnd_InhSoilDerm	2.0479E-13	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.00000298	5.8682E-13	25YrCancerHighEnd_InhSoilDerm	5.8682E-13	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.00000411	8.0933E-13	25YrCancerHighEnd_InhSoilDerm	8.0933E-13	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.00000498	9.8065E-13	25YrCancerHighEnd_InhSoilDerm	9.8065E-13	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.00000184	3.6233E-13	25YrCancerHighEnd_InhSoilDerm	3.6233E-13	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.00000173	3.4067E-13	25YrCancerHighEnd_InhSoilDerm	3.4067E-13	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.000000822	1.6187E-13	25YrCancerHighEnd_InhSoilDerm	1.6187E-13	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.00000296	5.8288E-13	25YrCancerHighEnd_InhSoilDerm	5.8288E-13	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.00000118	2.3236E-13	25YrCancerHighEnd_InhSoilDerm	2.3236E-13	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000000156	3.0719E-14	25YrCancerHighEnd_InhSoilDerm	3.0719E-14	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.000000156	3.0719E-14	25YrCancerHighEnd_InhSoilDerm	3.0719E-14	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.000000244	4.8048E-14	25YrCancerHighEnd_InhSoilDerm	4.8048E-14	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.00000178	3.5051E-13	25YrCancerHighEnd_InhSoilDerm	3.5051E-13	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.00000631	1.2426E-12	25YrCancerHighEnd_InhSoilDerm	1.2426E-12	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	8.89E-08	1.7506E-14	25YrCancerHighEnd_InhSoilDerm	1.7506E-14	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	6.67E-08	1.3134E-14	25YrCancerHighEnd_InhSoilDerm	1.3134E-14	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	6.67E-08	1.3134E-14	25YrCancerHighEnd_InhSoilDerm	1.3134E-14	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.000000222	4.3716E-14	25YrCancerHighEnd_InhSoilDerm	4.3716E-14	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.000000267	5.2577E-14	25YrCancerHighEnd_InhSoilDerm	5.2577E-14	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.000000444	8.7432E-14	25YrCancerHighEnd_InhSoilDerm	8.7432E-14	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000000289	5.6909E-14	25YrCancerHighEnd_InhSoilDerm	5.6909E-14	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000004	7.8767E-14	25YrCancerHighEnd_InhSoilDerm	7.8767E-14	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	6.67E-08	1.3134E-14	25YrCancerHighEnd_InhSoilDerm	1.3134E-14	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.00000273	5.3759E-13	25YrCancerHighEnd_InhSoilDerm	5.3759E-13	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.000000244	4.8048E-14	25YrCancerHighEnd_InhSoilDerm	4.8048E-14	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.0000002	3.9384E-14	25YrCancerHighEnd_InhSoilDerm	3.9384E-14	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.000000489	9.6293E-14	25YrCancerHighEnd_InhSoilDerm	9.6293E-14	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.000000756	1.4887E-13	25YrCancerHighEnd_InhSoilDerm	1.4887E-13	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.000000822	1.6187E-13	25YrCancerHighEnd_InhSoilDerm	1.6187E-13	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.00000333	6.5574E-13	25YrCancerHighEnd_InhSoilDerm	6.5574E-13	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.00000551	1.085E-12	25YrCancerHighEnd_InhSoilDerm	1.085E-12	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.000000244	4.8048E-14	25YrCancerHighEnd_InhSoilDerm	4.8048E-14	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.000000267	5.2577E-14	25YrCancerHighEnd_InhSoilDerm	5.2577E-14	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	8.89E-08	1.7506E-14	25YrCancerHighEnd_InhSoilDerm	1.7506E-14	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	8.89E-08	1.7506E-14	25YrCancerHighEnd_InhSoilDerm	1.7506E-14	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	6.67E-08	1.3134E-14	25YrCancerHighEnd_InhSoilDerm	1.3134E-14	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0000002	3.9384E-14	25YrCancerHighEnd_InhSoilDerm	3.9384E-14	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	6.67E-08	1.3134E-14	25YrCancerHighEnd_InhSoilDerm	1.3134E-14	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.000000356	7.0103E-14	25YrCancerHighEnd_InhSoilDerm	7.0103E-14	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.000000156	3.0719E-14	25YrCancerHighEnd_InhSoilDerm	3.0719E-14	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000002	3.9384E-14	25YrCancerHighEnd_InhSoilDerm	3.9384E-14	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
1040	1142	615	75092	Methylene Chlor	0.000000111	2.1858E-14	25YrCancerHighEnd_InhSoilDerm	2.1858E-14	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.0000014	2.7568E-13	25YrCancerHighEnd_InhSoilDerm	2.7568E-13	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.00000118	2.3236E-13	25YrCancerHighEnd_InhSoilDerm	2.3236E-13	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.0000002	3.9384E-14	25YrCancerHighEnd_InhSoilDerm	3.9384E-14	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.0000002	3.9384E-14	25YrCancerHighEnd_InhSoilDerm	3.9384E-14	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.000000178	3.5051E-14	25YrCancerHighEnd_InhSoilDerm	3.5051E-14	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.000000133	2.619E-14	25YrCancerHighEnd_InhSoilDerm	2.619E-14	0	0	0
1049	3400	-250	75092	Methylene Chlor	6.67E-08	1.3134E-14	25YrCancerHighEnd_InhSoilDerm	1.3134E-14	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.000000111	2.1858E-14	25YrCancerHighEnd_InhSoilDerm	2.1858E-14	0	0	0

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.000000111	2.1858E-14	25YrCancerHighEnd_InhSoilDerm	2.1858E-14	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000000111	2.1858E-14	25YrCancerHighEnd_InhSoilDerm	2.1858E-14	0	0	0
1053	2400	240	75092	Methylene Chlor	8.89E-08	1.7506E-14	25YrCancerHighEnd_InhSoilDerm	1.7506E-14	0	0	0
1054	2600	1290	75092	Methylene Chlor	4.44E-08	8.7432E-15	25YrCancerHighEnd_InhSoilDerm	8.7432E-15	0	0	0
1055	900	935	75092	Methylene Chlor	0.000000111	2.1858E-14	25YrCancerHighEnd_InhSoilDerm	2.1858E-14	0	0	0
1056	1375	1395	75092	Methylene Chlor	8.89E-08	1.7506E-14	25YrCancerHighEnd_InhSoilDerm	1.7506E-14	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000208	-1.4043E-09	25YrCancerHighEnd_InhSoilDerm	-1.4043E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.000073	4.9286E-10	25YrCancerHighEnd_InhSoilDerm	4.9286E-10	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000811	5.4754E-09	25YrCancerHighEnd_InhSoilDerm	5.4754E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000943	6.3666E-09	25YrCancerHighEnd_InhSoilDerm	6.3666E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000549	3.7066E-09	25YrCancerHighEnd_InhSoilDerm	3.7066E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00152	1.0262E-08	25YrCancerHighEnd_InhSoilDerm	1.0262E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00158	1.0667E-08	25YrCancerHighEnd_InhSoilDerm	1.0667E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000445	3.0044E-09	25YrCancerHighEnd_InhSoilDerm	3.0044E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00153	1.033E-08	25YrCancerHighEnd_InhSoilDerm	1.033E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000848	5.7252E-09	25YrCancerHighEnd_InhSoilDerm	5.7252E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000239	1.6136E-09	25YrCancerHighEnd_InhSoilDerm	1.6136E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000651	-4.3952E-10	25YrCancerHighEnd_InhSoilDerm	-4.3952E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00102	-6.8865E-09	25YrCancerHighEnd_InhSoilDerm	-6.8865E-09	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00242	-1.6339E-08	25YrCancerHighEnd_InhSoilDerm	-1.6339E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00141	-9.5196E-09	25YrCancerHighEnd_InhSoilDerm	-9.5196E-09	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000839	-5.6645E-09	25YrCancerHighEnd_InhSoilDerm	-5.6645E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000729	-4.9218E-09	25YrCancerHighEnd_InhSoilDerm	-4.9218E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00052	-3.5108E-09	25YrCancerHighEnd_InhSoilDerm	-3.5108E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000487	-3.288E-09	25YrCancerHighEnd_InhSoilDerm	-3.288E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000415	2.8019E-09	25YrCancerHighEnd_InhSoilDerm	2.8019E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000838	5.6577E-09	25YrCancerHighEnd_InhSoilDerm	5.6577E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00445	3.0044E-08	25YrCancerHighEnd_InhSoilDerm	3.0044E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00414	-2.7951E-08	25YrCancerHighEnd_InhSoilDerm	-2.7951E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00302	-2.0389E-08	25YrCancerHighEnd_InhSoilDerm	-2.0389E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.0036	-2.4305E-08	25YrCancerHighEnd_InhSoilDerm	-2.4305E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.0038	-2.5656E-08	25YrCancerHighEnd_InhSoilDerm	-2.5656E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00191	-1.2895E-08	25YrCancerHighEnd_InhSoilDerm	-1.2895E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00384	-2.5926E-08	25YrCancerHighEnd_InhSoilDerm	-2.5926E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00464	-3.1327E-08	25YrCancerHighEnd_InhSoilDerm	-3.1327E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00611	-4.1251E-08	25YrCancerHighEnd_InhSoilDerm	-4.1251E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00297	-2.0052E-08	25YrCancerHighEnd_InhSoilDerm	-2.0052E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000728	-4.9151E-09	25YrCancerHighEnd_InhSoilDerm	-4.9151E-09	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000922	6.2249E-09	25YrCancerHighEnd_InhSoilDerm	6.2249E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000623	4.2062E-09	25YrCancerHighEnd_InhSoilDerm	4.2062E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000959	6.4747E-09	25YrCancerHighEnd_InhSoilDerm	6.4747E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00259	-1.7486E-08	25YrCancerHighEnd_InhSoilDerm	-1.7486E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.0014	-9.4521E-09	25YrCancerHighEnd_InhSoilDerm	-9.4521E-09	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00292	1.9714E-08	25YrCancerHighEnd_InhSoilDerm	1.9714E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00232	-1.5663E-08	25YrCancerHighEnd_InhSoilDerm	-1.5663E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00487	-3.288E-08	25YrCancerHighEnd_InhSoilDerm	-3.288E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000639	4.3142E-11	25YrCancerHighEnd_InhSoilDerm	4.3142E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.00000172	1.1613E-11	25YrCancerHighEnd_InhSoilDerm	1.1613E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.00000261	1.7621E-11	25YrCancerHighEnd_InhSoilDerm	1.7621E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000296	1.9984E-10	25YrCancerHighEnd_InhSoilDerm	1.9984E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000229	1.5461E-10	25YrCancerHighEnd_InhSoilDerm	1.5461E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000143	9.6546E-11	25YrCancerHighEnd_InhSoilDerm	9.6546E-11	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000929	6.2721E-10	25YrCancerHighEnd_InhSoilDerm	6.2721E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000141	9.5196E-10	25YrCancerHighEnd_InhSoilDerm	9.5196E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.00026	1.7554E-09	25YrCancerHighEnd_InhSoilDerm	1.7554E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000183	1.2355E-10	25YrCancerHighEnd_InhSoilDerm	1.2355E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000233	1.5731E-10	25YrCancerHighEnd_InhSoilDerm	1.5731E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000875	5.9075E-10	25YrCancerHighEnd_InhSoilDerm	5.9075E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000639	4.3142E-09	25YrCancerHighEnd_InhSoilDerm	4.3142E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000808	5.4552E-10	25YrCancerHighEnd_InhSoilDerm	5.4552E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000101	6.819E-10	25YrCancerHighEnd_InhSoilDerm	6.819E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000754	5.0906E-09	25YrCancerHighEnd_InhSoilDerm	5.0906E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00078	-5.2661E-09	25YrCancerHighEnd_InhSoilDerm	-5.2661E-09	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00159	-1.0735E-08	25YrCancerHighEnd_InhSoilDerm	-1.0735E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.0029	-1.9579E-08	25YrCancerHighEnd_InhSoilDerm	-1.9579E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.0039	-2.6331E-08	25YrCancerHighEnd_InhSoilDerm	-2.6331E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000963	-6.5017E-09	25YrCancerHighEnd_InhSoilDerm	-6.5017E-09	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000434	-2.9301E-09	25YrCancerHighEnd_InhSoilDerm	-2.9301E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.00029	1.9579E-09	25YrCancerHighEnd_InhSoilDerm	1.9579E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000279	1.8837E-09	25YrCancerHighEnd_InhSoilDerm	1.8837E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000026	1.7554E-10	25YrCancerHighEnd_InhSoilDerm	1.7554E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000699	4.7193E-10	25YrCancerHighEnd_InhSoilDerm	4.7193E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00002	1.3503E-10	25YrCancerHighEnd_InhSoilDerm	1.3503E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000954	6.4409E-09	25YrCancerHighEnd_InhSoilDerm	6.4409E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00294	-1.9849E-08	25YrCancerHighEnd_InhSoilDerm	-1.9849E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00271	-1.8296E-08	25YrCancerHighEnd_InhSoilDerm	-1.8296E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.0035	-2.363E-08	25YrCancerHighEnd_InhSoilDerm	-2.363E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.00049	-3.3082E-09	25YrCancerHighEnd_InhSoilDerm	-3.3082E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000132	-8.9119E-10	25YrCancerHighEnd_InhSoilDerm	-8.9119E-10	0	0	0
1130	-42	-825	91203	Naphthalene	0.000488	3.2947E-09	25YrCancerHighEnd_InhSoilDerm	3.2947E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000166	1.1207E-09	25YrCancerHighEnd_InhSoilDerm	1.1207E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000245	1.6541E-09	25YrCancerHighEnd_InhSoilDerm	1.6541E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000189	1.276E-09	25YrCancerHighEnd_InhSoilDerm	1.276E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000275	1.8567E-09	25YrCancerHighEnd_InhSoilDerm	1.8567E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000258	1.7419E-09	25YrCancerHighEnd_InhSoilDerm	1.7419E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000388	2.6196E-09	25YrCancerHighEnd_InhSoilDerm	2.6196E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000474	3.2002E-10	25YrCancerHighEnd_InhSoilDerm	3.2002E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000413	2.7884E-09	25YrCancerHighEnd_InhSoilDerm	2.7884E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000756	5.1041E-10	25YrCancerHighEnd_InhSoilDerm	5.1041E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000392	-2.6466E-09	25YrCancerHighEnd_InhSoilDerm	-2.6466E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000308	-2.0795E-10	25YrCancerHighEnd_InhSoilDerm	-2.0795E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000489	3.3015E-10	25YrCancerHighEnd_InhSoilDerm	3.3015E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000271	-1.8296E-09	25YrCancerHighEnd_InhSoilDerm	-1.8296E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000905	6.1101E-10	25YrCancerHighEnd_InhSoilDerm	6.1101E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.00542	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00932	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0279	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0305	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0132	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.011	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.000623	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00683	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0233	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0193	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0161	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 3:20:59 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0181	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0216	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0815	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.059	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0559	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0656	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0712	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.213	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.125	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.158	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.145	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.434	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.24	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.247	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.29	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.344	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.204	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0315	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.101	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0427	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0225	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0396	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00888	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00501	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.169	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.226	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.145	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0908	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0659	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.00133	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000947	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00127	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00227	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00255	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00437	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00482	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00425	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00841	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00138	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.0016	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00232	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.00759	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00312	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00381	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.133	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0879	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0487	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0373	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0484	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.227	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0955	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0163	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.017	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00454	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00742	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00805	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1212	1088	-938	9960	SULFATES	0.101	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1213	1647	-390	9960	SULFATES	0.31	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1214	1650	-890	9960	SULFATES	0.315	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1215	1430	215	9960	SULFATES	0.297	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1216	1142	615	9960	SULFATES	0.0615	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0181	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0425	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.118	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0318	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0141	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0213	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0164	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0377	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00638	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0363	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0334	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1228	1577	291	9960	SULFATES	0.0606	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1229	2400	240	9960	SULFATES	0.0136	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00705	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1231	900	935	9960	SULFATES	0.0278	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0118	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	1.02E-07	7.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	4.79E-10	7.12E-11	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	2.53E-07	1.77E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-10	1.19E-09	1.77E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	2.15E-07	1.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-10	1.01E-09	1.50E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	1.27E-07	8.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-10	5.96E-10	8.86E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	8.31E-08	5.81E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-10	3.90E-10	5.80E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	6.09E-08	4.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.75E-11	2.86E-10	4.25E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	5.63E-08	3.94E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-11	2.64E-10	3.93E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	1.85E-07	1.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-10	8.69E-10	1.29E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.59E-07	3.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-10	2.16E-09	3.20E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	3.95E-07	2.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-10	1.85E-09	2.76E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	3.61E-07	2.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-10	1.70E-09	2.52E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	4.05E-07	2.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-10	1.90E-09	2.83E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.65E-07	5.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	3.59E-09	5.34E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.64E-06	1.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-09	7.70E-09	1.14E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.22E-06	8.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-09	5.73E-09	8.51E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.10E-06	7.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	5.17E-09	7.67E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.18E-06	8.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-09	5.54E-09	8.23E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.19E-06	8.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	5.59E-09	8.30E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.16E-06	2.21E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-09	1.48E-08	2.20E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.92E-06	1.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-09	9.02E-09	1.34E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.58E-06	1.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-09	1.21E-08	1.80E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.39E-06	1.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-09	1.12E-08	1.67E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	7.37E-06	5.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	3.46E-08	5.14E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.37E-06	3.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-09	2.05E-08	3.05E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.66E-06	3.26E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-09	2.19E-08	3.25E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	5.35E-06	3.74E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-09	2.51E-08	3.73E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.93E-06	4.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.49E-09	2.78E-08	4.14E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-1.96E-06	-1.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.14E-09	-9.20E-09	-1.37E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	1.96E-06	1.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-09	9.20E-09	1.37E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.40E-07	-1.68E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-10	-1.13E-09	-1.67E-10	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	5.56E-07	3.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-10	2.61E-09	3.88E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-3.79E-07	-2.65E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.07E-10	-1.78E-09	-2.64E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	7.01E-07	4.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	3.29E-09	4.89E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.02E-07	7.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	4.79E-10	7.12E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	3.25E-07	2.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-10	1.53E-09	2.27E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.34E-06	1.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-09	1.10E-08	1.63E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.29E-06	2.30E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-09	1.54E-08	2.30E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.44E-06	1.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-09	1.15E-08	1.70E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	2.15E-06	1.50E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	1.01E-08	1.50E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-1.16E-06	-8.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-09	-5.45E-09	-8.09E-10	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	2.96E-08	2.07E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-11	1.39E-10	2.07E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	2.12E-08	1.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-11	9.95E-11	1.48E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	2.85E-08	1.99E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-11	1.34E-10	1.99E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	4.25E-08	2.97E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-11	2.00E-10	2.97E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	6.19E-08	4.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-11	2.91E-10	4.32E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	8.56E-08	5.99E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	4.02E-10	5.97E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	9.94E-08	6.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-10	4.67E-10	6.93E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	8.19E-08	5.73E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	3.85E-10	5.71E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	7.23E-08	5.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-10	3.40E-10	5.04E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	3.82E-08	2.67E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-11	1.79E-10	2.67E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	4.14E-08	2.90E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-11	1.94E-10	2.89E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	3.06E-08	2.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-11	1.44E-10	2.13E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	9.63E-08	6.74E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	4.52E-10	6.72E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.66E-08	3.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-11	2.19E-10	3.25E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	8.01E-08	5.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-10	3.76E-10	5.59E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.33E-06	1.63E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-09	1.09E-08	1.63E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.40E-06	9.79E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	6.57E-09	9.77E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	8.26E-07	5.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	3.88E-09	5.76E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-8.84E-07	-6.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-09	-4.15E-09	-6.17E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-6.91E-08	-4.83E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-10	-3.24E-10	-4.82E-11	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.74E-06	2.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-09	1.76E-08	2.61E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.59E-06	1.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-09	7.47E-09	1.11E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.70E-07	1.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-10	1.27E-09	1.88E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.83E-07	1.98E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-10	1.33E-09	1.97E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.99E-08	6.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	4.22E-10	6.27E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.58E-07	1.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-10	7.42E-10	1.10E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.53E-07	1.07E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-10	7.18E-10	1.07E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	1.18E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-09	7.89E-09	1.17E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.09E-06	3.56E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-09	2.39E-08	3.55E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.25E-06	3.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-09	2.47E-08	3.66E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.83E-06	3.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-09	2.27E-08	3.37E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.07E-06	7.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	5.02E-09	7.46E-10	0.00E+00
73	-333	-788	7440382	Arsenic	5.81E-07	4.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-10	2.73E-09	4.05E-10	0.00E+00
74	-42	-825	7440382	Arsenic	8.71E-07	6.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	4.09E-09	6.08E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.94E-06	1.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-09	9.11E-09	1.35E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.18E-07	3.62E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-10	2.43E-09	3.61E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.31E-07	1.62E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-10	1.08E-09	1.61E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.46E-07	2.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-10	1.62E-09	2.41E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.70E-07	1.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-10	1.27E-09	1.88E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.18E-07	4.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-10	2.90E-09	4.31E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.22E-07	8.53E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-10	5.73E-10	8.51E-11	0.00E+00
82	2577	-940	7440382	Arsenic	5.94E-07	4.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.51E-10	2.79E-09	4.14E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.54E-07	3.87E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-10	2.60E-09	3.86E-10	0.00E+00
84	1577	291	7440382	Arsenic	1.02E-06	7.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-09	4.79E-09	7.12E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.55E-07	1.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-10	1.20E-09	1.78E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.21E-07	8.46E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-10	5.68E-10	8.44E-11	0.00E+00
87	900	935	7440382	Arsenic	1.06E-06	7.41E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	4.98E-09	7.40E-10	0.00E+00
88	1375	1395	7440382	Arsenic	2.34E-07	1.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-10	1.10E-09	1.63E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	5.67E-07	1.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	6.86E-07	1.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	3.27E-07	6.54E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-10	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	2.00E-07	4.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-10	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	1.33E-07	2.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	1.49E-07	2.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	2.01E-07	4.02E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-10	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	5.10E-07	1.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	5.45E-07	1.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	3.96E-07	7.92E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	2.55E-07	5.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.07E-07	4.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	1.74E-07	3.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.47E-07	2.94E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.36E-07	2.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.23E-07	2.46E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.13E-07	2.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.09E-07	2.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-10	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	8.30E-08	1.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-10	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	8.49E-08	1.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-10	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	9.70E-08	1.94E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-10	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	1.77E-07	3.54E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	5.08E-07	1.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	8.75E-07	1.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.27E-06	2.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	1.77E-06	3.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	2.42E-06	4.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	2.75E-06	5.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.12E-06	6.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.19E-06	6.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	4.81E-07	9.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.62E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	1.16E-06	2.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.19E-06	2.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	3.27E-07	6.54E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	6.09E-07	1.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	9.89E-08	1.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-10	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	8.65E-08	1.73E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	2.89E-07	5.78E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	2.76E-06	5.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	1.14E-06	2.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.53E-08	5.06E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.72E-08	3.44E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.65E-08	5.30E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	3.36E-08	6.72E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	6.56E-08	1.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	9.06E-08	1.81E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	1.16E-07	2.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	8.66E-08	1.73E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	9.38E-08	1.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-10	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.86E-08	7.72E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.83E-08	7.66E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	3.17E-08	6.34E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	3.07E-07	6.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	4.81E-08	9.62E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.62E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	6.75E-08	1.35E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	7.03E-07	1.41E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	2.00E-07	4.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	3.15E-07	6.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-10	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	5.79E-07	1.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.25E-06	4.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	1.86E-07	3.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.67E-07	3.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	4.67E-08	9.34E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.34E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.07E-08	8.14E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	2.07E-08	4.14E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	9.04E-08	1.81E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.60E-08	5.20E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.16E-07	6.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	7.33E-08	1.47E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.56E-07	3.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	6.22E-08	1.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	7.74E-08	1.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-10	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.11E-06	2.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-09	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.04E-06	2.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.44E-07	2.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.10E-07	2.20E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	6.36E-08	1.27E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-10	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	8.29E-08	1.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-10	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	6.54E-08	1.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	8.59E-08	1.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-10	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.45E-08	4.90E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	5.83E-08	1.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	4.38E-08	8.76E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	5.32E-08	1.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.16E-08	6.32E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.39E-08	4.78E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	8.99E-08	1.80E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-10	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	5.49E-08	1.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-8.47E-07	-5.90E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.76E-08	-1.33E-09	-6.57E-11	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-1.82E-07	-1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	-2.85E-10	-1.41E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.68E-06	1.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	2.63E-09	1.30E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.73E-06	1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	2.71E-09	1.34E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	8.17E-07	5.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-08	1.28E-09	6.33E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	6.49E-07	4.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-08	1.02E-09	5.03E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	2.01E-07	1.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	3.15E-10	1.56E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-4.99E-07	-3.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-08	-7.81E-10	-3.87E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.70E-06	1.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	4.23E-09	2.09E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.37E-06	1.65E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	3.71E-09	1.84E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.33E-06	1.62E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	3.65E-09	1.81E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.80E-06	1.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	4.38E-09	2.17E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.18E-06	3.61E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-07	8.11E-09	4.02E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.33E-05	9.27E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.05E-07	2.08E-08	1.03E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	9.79E-06	6.82E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-07	1.53E-08	7.59E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	9.00E-06	6.27E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-07	1.41E-08	6.98E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.00E-05	6.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-07	1.57E-08	7.75E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.04E-05	7.25E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-07	1.63E-08	8.06E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.91E-05	2.03E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-06	4.55E-08	2.26E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.76E-05	1.23E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-06	2.75E-08	1.36E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.34E-05	1.63E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	3.66E-08	1.81E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.20E-05	1.53E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	3.44E-08	1.71E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	6.36E-05	4.43E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-06	9.95E-08	4.93E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.54E-05	2.47E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-06	5.54E-08	2.74E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.61E-05	2.52E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-06	5.65E-08	2.80E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.05E-05	2.82E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-06	6.34E-08	3.14E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.44E-05	3.09E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-06	6.95E-08	3.44E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-2.99E-05	-2.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-06	-4.68E-08	-2.32E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	3.35E-06	2.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	5.24E-09	2.60E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.63E-05	-1.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-06	-2.55E-08	-1.26E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	4.01E-06	2.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-07	6.28E-09	3.11E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-6.88E-06	-4.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-07	-1.08E-08	-5.33E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.27E-06	1.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	3.55E-09	1.76E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-4.84E-07	-3.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-08	-7.58E-10	-3.75E-11	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	7.23E-07	5.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-08	1.13E-09	5.60E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.19E-05	1.53E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-06	3.43E-08	1.70E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.04E-05	2.12E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-06	4.76E-08	2.36E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.18E-05	1.52E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	3.41E-08	1.69E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	8.67E-06	6.04E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-07	1.36E-08	6.72E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.33E-05	-9.27E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-07	-2.08E-08	-1.03E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.72E-07	1.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	2.69E-10	1.33E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.25E-07	8.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.50E-09	1.96E-10	9.69E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.59E-07	1.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	2.49E-10	1.23E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.78E-07	1.94E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	4.35E-10	2.15E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	3.06E-07	2.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	4.79E-10	2.37E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.66E-07	3.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-08	7.29E-10	3.61E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	4.99E-07	3.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	7.81E-10	3.87E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	4.77E-07	3.32E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-08	7.47E-10	3.70E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	6.04E-07	4.21E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-08	9.45E-10	4.68E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.86E-07	1.30E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	2.91E-10	1.44E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.19E-07	1.53E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	3.43E-10	1.70E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	2.28E-07	1.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	3.57E-10	1.77E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-4.03E-07	-2.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-08	-6.31E-10	-3.12E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	3.06E-07	2.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	4.79E-10	2.37E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	5.14E-07	3.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-08	8.05E-10	3.98E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.86E-05	1.30E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-06	2.91E-08	1.44E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.20E-05	8.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-07	1.88E-08	9.30E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	6.31E-06	4.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-07	9.88E-09	4.89E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-8.58E-06	-5.98E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.84E-07	-1.34E-08	-6.65E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-9.70E-06	-6.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.60E-07	-1.52E-08	-7.52E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.28E-05	2.29E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	5.13E-08	2.54E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.37E-05	9.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-07	2.14E-08	1.06E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.37E-06	1.65E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	3.71E-09	1.84E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.52E-06	1.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	3.94E-09	1.95E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	7.13E-07	4.97E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-08	1.12E-09	5.53E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.10E-06	7.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-08	1.72E-09	8.53E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.26E-06	8.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-08	1.97E-09	9.77E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.44E-05	1.00E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-07	2.25E-08	1.12E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	4.51E-05	3.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-06	7.06E-08	3.50E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	4.62E-05	3.22E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-06	7.23E-08	3.58E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.28E-05	2.98E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-06	6.70E-08	3.32E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	9.19E-06	6.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-07	1.44E-08	7.12E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	1.07E-06	7.46E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-08	1.67E-09	8.29E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	4.23E-06	2.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-07	6.62E-09	3.28E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.70E-05	1.18E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-06	2.66E-08	1.32E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.43E-06	3.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-07	6.93E-09	3.43E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.95E-06	1.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	3.05E-09	1.51E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.96E-06	2.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	4.63E-09	2.29E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.31E-06	1.61E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	3.62E-09	1.79E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	5.40E-06	3.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-07	8.45E-09	4.19E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	9.99E-07	6.96E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-08	1.56E-09	7.74E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	5.30E-06	3.69E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-07	8.30E-09	4.11E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.90E-06	3.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-07	7.67E-09	3.80E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	8.88E-06	6.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-07	1.39E-08	6.88E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	2.11E-06	1.47E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	3.30E-09	1.64E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.02E-06	7.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-08	1.60E-09	7.91E-11	0.00E+00
263	900	935	18540299	Cr(VI)	7.40E-06	5.16E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	1.16E-08	5.74E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.86E-06	1.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	2.91E-09	1.44E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	9.27E-06	3.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-11	2.47E-10	1.83E-11	3.85E-11
266	-1778.03	-291.29	7439921	Lead	1.19E-05	4.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-11	3.17E-10	2.35E-11	4.94E-11
267	-1732.28	175.05	7439921	Lead	7.04E-06	2.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-11	1.87E-10	1.39E-11	2.92E-11
268	-1579.43	347.93	7439921	Lead	4.91E-06	1.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-11	1.31E-10	9.71E-12	2.04E-11
269	-1525.43	516.64	7439921	Lead	3.40E-06	1.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-11	9.05E-11	6.72E-12	1.41E-11
270	-1332.88	500.04	7439921	Lead	4.45E-06	1.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-11	1.18E-10	8.80E-12	1.85E-11
271	-1140.45	476.3	7439921	Lead	7.25E-06	2.78E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-11	1.93E-10	1.43E-11	3.01E-11
272	-672.12	353.55	7439921	Lead	1.16E-05	4.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-11	3.09E-10	2.29E-11	4.82E-11
273	-169.37	170.38	7439921	Lead	1.63E-05	6.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.13E-11	4.34E-10	3.22E-11	6.77E-11
274	-75.04	299.11	7439921	Lead	1.19E-05	4.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-11	3.17E-10	2.35E-11	4.94E-11
275	49.15	527.2	7439921	Lead	8.52E-06	3.27E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-11	2.27E-10	1.68E-11	3.54E-11
276	144.22	648.15	7439921	Lead	7.93E-06	3.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-11	2.11E-10	1.57E-11	3.29E-11
277	394.15	623.31	7439921	Lead	1.06E-05	4.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-11	2.82E-10	2.10E-11	4.40E-11
278	501.62	717.12	7439921	Lead	1.75E-05	6.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-11	4.66E-10	3.46E-11	7.27E-11
279	618.47	665.12	7439921	Lead	1.39E-05	5.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-11	3.70E-10	2.75E-11	5.77E-11
280	755.45	579.13	7439921	Lead	1.29E-05	4.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-11	3.43E-10	2.55E-11	5.36E-11
281	867.79	485.41	7439921	Lead	1.37E-05	5.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-11	3.65E-10	2.71E-11	5.69E-11
282	955.03	377.6	7439921	Lead	0.000014	5.37E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-11	3.73E-10	2.77E-11	5.82E-11
283	1331.68	-165.58	7439921	Lead	0.0000315	1.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-10	8.38E-10	6.23E-11	1.31E-10
284	1406.74	-290.13	7439921	Lead	0.0000224	8.59E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	5.96E-10	4.43E-11	9.30E-11
285	1456.2	-436.06	7439921	Lead	0.0000302	1.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	8.04E-10	5.97E-11	1.25E-10
286	1209.21	-528.32	7439921	Lead	0.000035	1.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	9.31E-10	6.92E-11	1.45E-10
287	913.01	-694.67	7439921	Lead	0.0000775	2.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-10	2.06E-09	1.53E-10	3.22E-10
288	717.24	-664.22	7439921	Lead	0.0000563	2.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-10	1.50E-09	1.11E-10	2.34E-10
289	544.23	-594.35	7439921	Lead	0.0000636	2.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-10	1.69E-09	1.26E-10	2.64E-10
290	338.12	-539.73	7439921	Lead	0.0000753	2.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-10	2.00E-09	1.49E-10	3.13E-10
291	123.44	-529.45	7439921	Lead	0.0000876	3.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-10	2.33E-09	1.73E-10	3.64E-10
292	-353.26	-515.05	7439921	Lead	0.0000234	8.97E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	6.23E-10	4.63E-11	9.72E-11
293	-537.68	-487.8	7439921	Lead	0.000061	2.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-10	1.62E-09	1.21E-10	2.53E-10
294	-775.51	-486.07	7439921	Lead	0.0000425	1.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	1.13E-09	8.40E-11	1.77E-10
295	-1414.44	-481.5	7439921	Lead	0.0000129	4.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-11	3.43E-10	2.55E-11	5.36E-11
296	-1515.21	-320.18	7439921	Lead	1.36E-05	5.21E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-11	3.62E-10	2.69E-11	5.65E-11
297	-1749.69	-63.9	7439921	Lead	2.23E-05	8.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	5.93E-10	4.41E-11	9.26E-11
298	-920.57	426.17	7439921	Lead	8.59E-06	3.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-11	2.29E-10	1.70E-11	3.57E-11
299	-420.73	233.87	7439921	Lead	1.53E-05	5.87E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-11	4.07E-10	3.02E-11	6.36E-11
300	1090.12	214.1	7439921	Lead	2.40E-05	9.20E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	6.39E-10	4.74E-11	9.97E-11
301	1183.39	65.17	7439921	Lead	3.20E-05	1.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-10	8.51E-10	6.33E-11	1.33E-10
302	1055.3	-577.42	7439921	Lead	3.63E-05	1.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-10	9.66E-10	7.18E-11	1.51E-10
303	-103.02	-518.78	7439921	Lead	5.92E-05	2.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-10	1.58E-09	1.17E-10	2.46E-10
304	-1076.39	-488.67	7439921	Lead	0.00000779	2.99E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-11	2.07E-10	1.54E-11	3.24E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000707	2.71E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.96E-12	1.88E-11	1.40E-12	2.94E-12
306	-5050.04	-958.41	7439921	Lead	0.000000494	1.89E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-12	1.31E-11	9.76E-13	2.05E-12
307	-4023.97	-112.26	7439921	Lead	7.17E-07	2.75E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-12	1.91E-11	1.42E-12	2.98E-12
308	-2122.34	995.23	7439921	Lead	1.03E-06	3.95E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-12	2.74E-11	2.04E-12	4.28E-12
309	-2734.69	227.4	7439921	Lead	1.64E-06	6.29E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-12	4.36E-11	3.24E-12	6.81E-12
310	-2371.11	-69.21	7439921	Lead	2.28E-06	8.74E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-11	6.07E-11	4.51E-12	9.47E-12
311	-2146.26	177.17	7439921	Lead	2.83E-06	1.09E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-11	7.53E-11	5.59E-12	1.18E-11
312	-1919.02	445.07	7439921	Lead	2.42E-06	9.28E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	6.44E-11	4.78E-12	1.01E-11
313	-1651.12	607.72	7439921	Lead	2.45E-06	9.39E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-11	6.52E-11	4.84E-12	1.02E-11
314	-3361.39	677.09	7439921	Lead	9.93E-07	3.81E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-12	2.64E-11	1.96E-12	4.12E-12
315	-3026.51	724.93	7439921	Lead	1.04E-06	3.99E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-12	2.77E-11	2.06E-12	4.32E-12

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	9.98E-07	3.83E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-12	2.66E-11	1.97E-12	4.15E-12
317	-922.86	446.42	7439921	Lead	8.15E-06	3.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-11	2.17E-10	1.61E-11	3.39E-11
318	-1799.42	1088.51	7439921	Lead	1.32E-06	5.06E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-12	3.51E-11	2.61E-12	5.48E-12
319	-359.36	1846.44	7439921	Lead	2.22E-06	8.51E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-11	5.91E-11	4.39E-12	9.22E-12
320	671.3	-742.78	7439921	Lead	3.53E-05	1.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-10	9.39E-10	6.98E-11	1.47E-10
321	-1565.55	-932.22	7439921	Lead	1.56E-05	5.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-11	4.15E-10	3.08E-11	6.48E-11
322	-1733.02	-528.24	7439921	Lead	1.21E-05	4.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-11	3.22E-10	2.39E-11	5.03E-11
323	-1261.46	-507.67	7439921	Lead	2.39E-06	9.16E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-11	6.36E-11	4.72E-12	9.93E-12
324	-883.92	-503.26	7439921	Lead	0.0000317	1.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-10	8.44E-10	6.27E-11	1.32E-10
325	1599.35	-1104.97	7439921	Lead	0.0000379	1.45E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-10	1.01E-09	7.49E-11	1.57E-10
326	1608.16	-1382.63	7439921	Lead	1.84E-05	7.05E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	4.90E-10	3.64E-11	7.64E-11
327	3517.15	-1425.27	7439921	Lead	4.15E-06	1.59E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-11	1.10E-10	8.20E-12	1.72E-11
328	2959.77	-846.37	7439921	Lead	4.30E-06	1.65E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-11	1.14E-10	8.50E-12	1.79E-11
329	3479.67	224.81	7439921	Lead	0.00000131	5.02E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-12	3.49E-11	2.59E-12	5.44E-12
330	44.43	1469.76	7439921	Lead	0.00000342	1.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-11	9.10E-11	6.76E-12	1.42E-11
331	3044.83	-34	7439921	Lead	2.08E-06	7.98E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-11	5.53E-11	4.11E-12	8.64E-12
332	1088	-938	7439921	Lead	2.37E-05	9.09E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-10	6.31E-10	4.68E-11	9.84E-11
333	1647	-390	7439921	Lead	4.78E-05	1.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-10	1.27E-09	9.45E-11	1.99E-10
334	1650	-890	7439921	Lead	5.13E-05	1.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-10	1.37E-09	1.01E-10	2.13E-10
335	1430	215	7439921	Lead	4.35E-05	1.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	1.16E-09	8.60E-11	1.81E-10
336	1142	615	7439921	Lead	0.0000117	4.49E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-11	3.11E-10	2.31E-11	4.86E-11
337	-333	-788	7439921	Lead	0.0000225	8.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	5.99E-10	4.45E-11	9.35E-11
338	-42	-825	7439921	Lead	0.0000244	9.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	6.49E-10	4.82E-11	1.01E-10
339	1900	-1175	7439921	Lead	0.0000214	8.21E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-10	5.69E-10	4.23E-11	8.89E-11
340	1815	-1910	7439921	Lead	0.00000754	2.89E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-11	2.01E-10	1.49E-11	3.13E-11
341	2575	-2650	7439921	Lead	0.00000378	1.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-11	1.01E-10	7.47E-12	1.57E-11
342	2665	-2025	7439921	Lead	0.00000538	2.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-11	1.43E-10	1.06E-11	2.23E-11
343	3480	-2025	7439921	Lead	0.00000429	1.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-11	1.14E-10	8.48E-12	1.78E-11
344	2667	-1400	7439921	Lead	0.00000827	3.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-11	2.20E-10	1.63E-11	3.44E-11
345	3400	-250	7439921	Lead	0.00000181	6.94E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-11	4.82E-11	3.58E-12	7.52E-12
346	2577	-940	7439921	Lead	0.00000788	3.02E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-11	2.10E-10	1.56E-11	3.27E-11
347	2404	-475	7439921	Lead	0.00000671	2.57E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-11	1.79E-10	1.33E-11	2.79E-11
348	1577	291	7439921	Lead	0.0000106	4.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-11	2.82E-10	2.10E-11	4.40E-11
349	2400	240	7439921	Lead	0.00000308	1.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-11	8.20E-11	6.09E-12	1.28E-11
350	2600	1290	7439921	Lead	0.00000173	6.63E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.69E-12	4.60E-11	3.42E-12	7.19E-12
351	900	935	7439921	Lead	0.0000115	4.41E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.44E-11	3.06E-10	2.27E-11	4.78E-11
352	1375	1395	7439921	Lead	0.00000352	1.35E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-11	9.37E-11	6.96E-12	1.46E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000092	-1.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.000000259	-3.14E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.14E-11	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000288	3.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000304	3.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.0000133	1.61E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00000911	1.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000327	-3.97E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000139	-1.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000317	3.85E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000292	3.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000292	3.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000358	4.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000631	7.66E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000178	2.16E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.00013	1.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.00012	1.46E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000135	1.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000141	1.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000406	4.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.00024	2.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000315	3.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000287	3.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000872	1.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000479	5.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000489	5.94E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000556	6.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.75E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000622	7.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000426	-5.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000394	4.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000232	-2.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000592	7.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0000891	-1.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000389	4.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.72E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000143	-1.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000297	3.61E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000309	3.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.26E-04	5.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000285	3.46E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000123	1.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00018	-2.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000225	2.73E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000163	1.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000206	2.50E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000367	4.46E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000398	4.83E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000634	7.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000672	8.16E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000614	7.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000933	1.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000234	2.84E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000277	3.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000303	3.68E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000127	-1.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000423	5.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000063	7.65E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.65E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000252	3.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000168	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000883	1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000114	-1.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000135	-1.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000452	5.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000188	2.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000314	3.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.000033	4.01E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000936	1.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000139	1.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000166	2.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000194	2.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000623	7.56E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000635	7.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.71E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000594	7.21E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000125	1.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000134	1.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000582	7.07E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.07E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000233	2.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000598	7.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000261	3.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000397	4.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000307	3.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000728	8.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.000013	1.58E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000709	8.61E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000661	8.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.02E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000122	1.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000282	3.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000136	1.65E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000907	1.10E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000243	2.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0651	9.55E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.063	9.24E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0856	1.26E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0942	1.38E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0385	5.65E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0335	4.92E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00211	3.10E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-07	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0244	-3.58E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0413	6.06E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0255	3.74E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00759	1.11E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.00219	3.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0543	-7.97E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.97E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.025	-3.67E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0136	-2.00E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	0.000125	1.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00957	1.40E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0168	2.47E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0684	1.00E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0345	5.06E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0175	2.57E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.022	3.23E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.021	3.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0404	5.93E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0614	9.01E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.123	1.80E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.239	3.51E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0452	6.63E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.00413	6.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-07	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.00862	1.26E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0563	8.26E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.14	2.05E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.137	2.01E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0278	-4.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.08E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.000745	1.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0382	5.61E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0732	1.07E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0267	3.92E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.204	2.99E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0245	3.60E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000874	1.28E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000626	9.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.00105	1.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00252	3.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00275	4.04E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00592	8.69E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.69E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.008	1.17E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00698	1.02E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0221	3.24E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.0011	1.61E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00117	1.72E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00397	5.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0242	-3.55E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.55E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00559	8.20E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.20E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00237	3.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0511	7.50E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-06	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0165	2.42E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0356	5.22E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0389	5.71E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0171	2.51E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0111	1.63E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0113	1.66E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00407	5.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00372	5.46E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000892	1.31E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00262	3.84E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000974	1.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0278	4.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00798	1.17E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00333	4.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.000952	-1.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0107	1.57E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0414	6.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.066	9.68E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.011	1.61E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00885	1.30E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00499	7.32E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.32E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00666	9.77E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.77E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00511	7.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00715	1.05E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000953	1.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00589	8.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00389	5.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.0041	6.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.0013	1.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00192	2.82E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00258	3.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.79E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00351	5.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00133	1.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00125	1.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00169	1.35E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.0019	1.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00157	1.26E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00469	3.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00575	4.60E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00374	2.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00518	4.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00342	2.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00209	1.67E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00163	1.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00102	8.16E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000349	2.79E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000635	5.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00101	8.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00116	9.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.28E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00142	1.14E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00316	2.53E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.0051	4.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00864	6.92E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0182	1.46E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00623	4.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00641	5.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00635	5.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00613	4.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00641	5.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00347	2.78E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00265	2.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00106	8.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000874	7.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00227	1.82E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00181	1.45E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.004	3.20E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.0047	3.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000481	3.85E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00156	1.25E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0144	1.15E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00526	4.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.00087	6.96E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000116	9.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.28E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000731	5.85E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000109	8.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000232	1.86E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000258	2.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000379	3.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000541	4.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000636	5.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000825	6.60E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000156	1.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000183	1.46E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00043	3.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00391	3.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000398	3.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000781	6.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00722	5.78E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000866	6.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000364	2.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00134	1.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.0019	1.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00345	2.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00264	2.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00134	1.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00137	1.10E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.00026	2.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000983	7.87E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000386	3.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00623	4.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.0015	1.20E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00355	2.84E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000491	-3.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.93E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000969	7.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.76E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00368	2.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00443	3.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00337	2.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00187	1.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.0011	8.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.80E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00157	1.26E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00131	1.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00215	1.72E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000416	3.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00219	1.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00126	1.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000979	7.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000443	3.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000378	3.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000924	7.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000757	6.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00293	3.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.003	4.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00456	6.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00514	6.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00403	5.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0118	1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0142	1.89E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00904	1.21E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0137	1.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00891	1.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00521	6.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00385	5.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00162	2.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.0018	-2.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-09	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000383	5.11E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00169	2.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00209	2.79E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00283	3.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.0067	8.94E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.94E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0118	1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.02	2.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0445	5.94E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0109	1.45E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0129	1.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0128	1.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0129	1.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0168	2.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.38E-03	5.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	1.86E-03	2.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-2.93E-03	-3.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-6.32E-04	-8.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-10	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	4.40E-03	5.87E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	4.81E-03	6.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	9.40E-03	1.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.13E-02	1.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00117	-1.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.24E-03	2.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.46E-02	4.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	9.65E-03	1.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00228	-3.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.63E-04	3.51E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000164	2.19E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000243	3.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000541	7.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.22E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000593	7.91E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000852	1.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00128	1.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00153	2.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00205	2.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000362	4.83E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000427	5.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.03E-03	1.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00922	1.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.53E-04	1.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00182	2.43E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0167	2.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00125	1.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000568	-7.58E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.58E-10	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000468	6.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000845	1.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00681	9.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00548	7.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00322	4.30E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00329	4.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000599	7.99E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00224	2.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000874	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0146	1.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000773	1.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00552	7.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00411	-5.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.48E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00173	2.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00806	1.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0103	1.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00761	1.02E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00437	5.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00261	3.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00371	4.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00312	4.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00511	6.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000963	1.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00522	6.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00286	3.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00183	2.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000955	1.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.00088	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00182	2.43E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00176	2.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00627	-8.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.36E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00293	-3.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.00391	5.22E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0047	6.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.00136	1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00265	3.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.0000502	6.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-10	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00625	-8.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.34E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00153	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.000747	-9.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.97E-09	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00354	-4.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00554	-7.39E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0143	-1.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0267	-3.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0174	-2.32E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0123	-1.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0115	-1.53E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.00999	-1.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0149	-1.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.99E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0108	-1.44E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0168	-2.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00596	-7.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0644	-8.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.59E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0523	-6.98E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0583	-7.78E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.78E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0595	-7.94E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.94E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0389	-5.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.19E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0529	-7.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.06E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0593	-7.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.91E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0707	-9.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.43E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0355	-4.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.74E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0149	-1.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.99E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00471	6.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.22E-03	-6.96E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.63E-03	-4.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.84E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.00E-02	-4.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.02E-02	-2.69E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.14E-02	-1.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.15E-02	-5.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-5.65E-02	-7.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.54E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-2.80E-04	-3.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.74E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.02E-04	-2.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.00E-04	-4.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-3.77E-04	-5.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.03E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-5.28E-04	-7.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.04E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-9.88E-04	-1.32E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-6.11E-04	-8.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.15E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-3.63E-04	-4.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.84E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	3.75E-04	5.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-2.70E-04	-3.60E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.60E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-2.97E-04	-3.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-3.36E-04	-4.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-4.77E-03	-6.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.36E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-3.12E-04	-4.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.16E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.25E-03	-1.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.35E-02	-1.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.12E-02	-1.49E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-1.87E-02	-2.49E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-3.60E-02	-4.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.80E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-4.88E-02	-6.51E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.51E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.11E-02	-2.81E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.28E-02	-1.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-8.57E-04	-1.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.08E-03	-1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-4.99E-04	-6.66E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.66E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.20E-03	-2.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-9.49E-04	-1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-8.31E-03	-1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.71E-02	-4.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.07E-02	-5.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.43E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.72E-02	-4.96E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.35E-03	-1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.26E-02	-1.68E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-8.03E-03	-1.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-8.37E-03	-1.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-2.96E-03	-3.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.25E-03	-1.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.70E-03	-2.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.11E-03	-1.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.24E-03	-2.99E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-7.35E-04	-9.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.80E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.07E-03	-2.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-2.98E-03	-3.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.98E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-7.29E-03	-9.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.72E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.68E-03	-2.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.04E-04	-8.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.06E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-5.79E-03	-7.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.72E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.29E-03	-1.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.15E-03	-2.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.50E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.13E-03	-1.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	8.37E-04	9.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	1.03E-03	1.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	9.71E-05	1.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.26E-04	-1.46E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.11E-03	-1.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.62E-03	-3.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-5.90E-04	-6.85E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-9.17E-04	-1.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.49E-03	-1.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-1.99E-03	-2.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.0045	-5.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.22E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00803	-9.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.32E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00535	-6.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.21E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00388	-4.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.50E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00368	-4.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00328	-3.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.0051	-5.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.92E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00424	-4.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00674	-7.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.82E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00536	-6.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.22E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0205	-2.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.017	-1.97E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0188	-2.18E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0192	-2.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0131	-1.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0166	-1.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0183	-2.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0214	-2.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0108	-1.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00491	-5.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.70E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.00106	1.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00235	-2.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00201	-2.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0091	-1.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00635	-7.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.37E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00626	-7.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.27E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0135	-1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0171	-1.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000107	-1.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.000075	-8.70E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000111	-1.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000159	-1.85E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000209	-2.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000371	-4.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.00029	-3.37E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.37E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000233	-2.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000491	-5.70E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.70E-11	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000112	-1.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000125	-1.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000185	-2.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.20E-03	-2.55E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.72E-04	-2.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.29E-04	-6.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.14E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-5.48E-03	-6.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.36E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00354	-4.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00567	-6.58E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0111	-1.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.015	-1.74E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.007	-8.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.35E-03	-5.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.19E-04	-6.02E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000591	-6.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000201	-2.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000854	-9.91E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.91E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.00036	-4.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00371	-4.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0114	-1.32E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0129	-1.50E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.011	-1.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00269	-3.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.0045	-5.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.22E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00328	-3.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00317	-3.68E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00126	-1.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.00059	-6.85E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000817	-9.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000589	-6.84E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.84E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.09E-03	-1.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.02E-04	-3.51E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00105	-1.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00114	-1.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00238	-2.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-5.91E-04	-6.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.55E-04	-2.96E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-1.92E-03	-2.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000536	-6.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.22E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00924	2.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.009	2.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0128	3.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0144	4.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0116	3.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0342	9.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0416	1.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0269	7.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.54E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.039	1.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0256	7.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0154	4.31E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0117	3.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00631	1.77E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00212	-5.94E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.94E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00313	8.77E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.77E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00634	1.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00742	2.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00943	2.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.14E-02	6.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0358	1.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0606	1.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.131	3.67E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.94E-02	1.10E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0433	1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.32E-02	1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.29E-02	1.20E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0501	1.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0195	5.46E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0129	3.61E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000324	9.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-10	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00262	7.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0148	4.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0135	3.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0282	7.90E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0334	9.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.00035	9.80E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0091	2.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.103	2.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0335	9.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.38E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000417	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000805	2.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000505	1.41E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.00075	2.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.63E-03	4.57E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.0018	5.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00262	7.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00383	1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00454	1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00597	1.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.10E-03	3.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00129	3.61E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00306	8.57E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0276	7.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00283	7.93E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00549	1.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0506	1.42E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00507	1.42E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000687	1.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00591	1.6556E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6556E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00862	2.4148E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4148E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0226	6.3312E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3312E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0177	4.9585E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9585E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00955	2.6753E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6753E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00977	2.737E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.737E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00182	5.0985E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0985E-09	0	0	0

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00684	1.9162E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9162E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00268	7.5078E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5078E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0439	1.2298E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2298E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00693	1.9414E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9414E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0213	5.967E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.967E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00737	-2.0646E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0646E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00611	1.7117E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7117E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0252	7.0595E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0595E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0311	8.7124E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7124E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0234	6.5553E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5553E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0132	3.6978E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6978E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.0078	2.1851E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1851E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0111	3.1096E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1096E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00929	2.6025E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6025E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0153	4.2861E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2861E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00291	8.1521E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1521E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0156	4.3702E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3702E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00875	2.4512E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4512E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00629	1.7621E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7621E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00301	8.4322E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4322E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00266	7.4517E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4517E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00605	1.6948E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6948E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00531	1.4875E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4875E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000631	2.9461E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9461E-11	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.0000721	3.3663E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3663E-11	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.0000403	1.8816E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8816E-11	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.0000268	1.2513E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2513E-11	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000185	8.6377E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6377E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000211	9.8516E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8516E-12	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.0000282	1.3167E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3167E-11	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000779	3.6372E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6372E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.000138	6.4432E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4432E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.0000988	4.613E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.613E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.0000619	2.8901E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8901E-11	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.0000496	2.3158E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3158E-11	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000042	1.961E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.961E-11	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.0000349	1.6295E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6295E-11	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.0000323	1.5081E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5081E-11	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.0000291	1.3587E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3587E-11	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.000026	1.2139E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2139E-11	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000237	1.1066E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1066E-11	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.000017	7.9373E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.9373E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.0000174	8.1241E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1241E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.0000203	9.4781E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4781E-12	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000379	1.7696E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7696E-11	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.000123	5.7429E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7429E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.000225	1.0505E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0505E-10	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.000318	1.4847E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4847E-10	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.000439	2.0497E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0497E-10	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.000683	3.1889E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1889E-10	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.00072	3.3617E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3617E-10	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000745	3.4784E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4784E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000664	3.1002E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1002E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000645	3.0115E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0115E-11	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000119	5.5561E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5561E-11	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.000114	5.3227E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3227E-11	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000457	2.1337E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1337E-11	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.000121	5.6495E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6495E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.0000202	9.4314E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4314E-12	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.0000181	8.4509E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4509E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000618	2.8854E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8854E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.000775	3.6185E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6185E-10	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.000205	9.5715E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5715E-11	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.00000441	2.059E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.059E-12	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000326	1.5221E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5221E-12	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000539	2.5166E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5166E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000596	2.7827E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7827E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.0000123	5.7429E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7429E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0000168	7.8439E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8439E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.00002	9.338E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.338E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000015	7.0035E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0035E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000138	6.4432E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4432E-12	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000732	3.4177E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4177E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000741	3.4597E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4597E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.00000556	2.596E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.596E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.0000434	2.0263E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0263E-11	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000728	3.399E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.399E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.0000141	6.5833E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5833E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.000177	8.2641E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2641E-11	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000315	1.4707E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4707E-11	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.0000404	1.8863E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8863E-11	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000826	3.8566E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8566E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000467	2.1804E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1804E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.0000444	2.073E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.073E-11	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.0000389	1.8162E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8162E-11	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.0000104	4.8558E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8558E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.00000833	3.8893E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8893E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.0000038	1.7742E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7742E-12	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0000204	9.5248E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5248E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.00000483	2.2551E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2551E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.0000765	3.5718E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5718E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.0000151	7.0502E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0502E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000366	1.7089E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7089E-11	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000013	6.0697E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0697E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.0000176	8.2174E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2174E-12	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.000285	1.3307E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3307E-10	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.000271	1.2653E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2653E-10	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.0000343	1.6015E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6015E-11	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.0000249	1.1626E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1626E-11	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.0000141	6.5833E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5833E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.0000186	8.6843E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6843E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.0000149	6.9568E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9568E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.0000201	9.3847E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3847E-12	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000457	2.1337E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1337E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.0000129	6.023E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.023E-12	0	0	0

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.00000867	4.048E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.048E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000011	5.1359E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1359E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000609	2.8434E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8434E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000509	2.3765E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3765E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.000021	9.8049E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8049E-12	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.0000124	5.7896E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7896E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000181	-2.8974E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8974E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.0000662	1.0597E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0597E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000716	1.1462E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1462E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000832	1.3319E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3319E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000484	7.7479E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7479E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00134	2.1451E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1451E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00139	2.2251E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2251E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000397	6.3552E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3552E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00136	2.1771E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1771E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000754	1.207E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.207E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000215	3.4417E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4417E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000537	-8.5963E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5963E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000899	-1.4391E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4391E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00212	-3.3937E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3937E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00124	-1.985E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.985E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000736	-1.1782E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1782E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.00064	-1.0245E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0245E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000456	-7.2996E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2996E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000427	-6.8354E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8354E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000367	5.8749E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8749E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00074	1.1846E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1846E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00392	6.2751E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2751E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00364	-5.8269E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8269E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00264	-4.2261E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2261E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00314	-5.0265E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0265E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00331	-5.2986E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2986E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00163	-2.6093E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6093E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00338	-5.4107E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4107E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00409	-6.5473E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.5473E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00538	-8.6123E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.6123E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00262	-4.1941E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1941E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000641	-1.0261E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0261E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000811	1.2982E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2982E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000548	8.7724E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7724E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000845	1.3527E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3527E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00228	-3.6498E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6498E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00123	-1.969E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.969E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00257	4.1141E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1141E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00204	-3.2656E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2656E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00429	-6.8674E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8674E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000563	9.0125E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0125E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.00000151	2.4172E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4172E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.0000023	3.6818E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6818E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000026	4.1621E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1621E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000202	3.2336E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2336E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000126	2.017E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.017E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000818	1.3095E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3095E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000125	2.001E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.001E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000229	3.6658E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6658E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000161	2.5773E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5773E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000205	3.2816E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2816E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000077	1.2326E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2326E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000563	9.0125E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0125E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000712	1.1398E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1398E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000887	1.4199E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4199E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000664	1.0629E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0629E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000687	-1.0997E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0997E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.0014	-2.2411E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2411E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00255	-4.082E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.082E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00343	-5.4907E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4907E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000848	-1.3575E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3575E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000382	-6.1151E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1151E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000255	4.082E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.082E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000246	3.938E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.938E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000229	3.6658E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6658E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000615	9.8449E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8449E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000176	2.8174E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8174E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.00084	1.3447E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3447E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00259	-4.1461E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1461E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00239	-3.8259E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8259E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00308	-4.9305E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9305E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000431	-6.8994E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8994E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000116	-1.8569E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8569E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000429	6.8674E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.8674E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000146	2.3372E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3372E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000216	3.4577E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4577E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000166	2.6573E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6573E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000242	3.8739E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8739E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000227	3.6338E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6338E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000342	5.4747E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4747E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000417	6.6753E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6753E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000364	5.8269E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8269E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000666	1.0661E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0661E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000345	-5.5228E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5228E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000272	-4.3542E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3542E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.000043	6.8834E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.8834E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000238	-3.8099E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8099E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000797	1.2758E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2758E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.00486	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00831	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0246	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0269	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0116	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.00971	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.000578	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00594	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0206	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.017	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0142	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:26:34 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.016	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.019	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0718	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.052	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0493	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0578	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0627	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.188	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.11	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.139	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.128	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.382	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.211	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.217	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.255	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.303	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.179	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0282	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.0887	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0377	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0197	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0351	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00777	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00451	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.148	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.199	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.127	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0804	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0578	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.00118	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000836	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00112	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00201	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00225	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00386	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00426	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00376	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00742	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00122	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.00141	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00205	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.00664	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00276	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00336	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.117	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0774	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0429	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0328	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0423	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.2	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0841	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0144	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.015	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.004	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00654	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00709	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0892	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.273	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.278	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.261	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0541	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0161	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0376	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.104	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.028	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0124	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0188	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0145	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0332	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00562	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0319	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0294	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0533	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.012	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00621	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0245	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0104	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-2.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-10	-2.01E-09	-2.98E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-2.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-10	-1.39E-09	-2.06E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	1.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-11	1.07E-10	1.59E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	3.49E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-12	2.34E-11	3.48E-12	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	1.50E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-12	1.01E-11	1.50E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-3.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.57E-11	-2.52E-10	-3.74E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-8.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-10	-5.49E-10	-8.16E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-10	-1.06E-09	-1.57E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	1.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-10	1.00E-09	1.49E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	1.82E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-10	1.22E-09	1.82E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	2.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-10	1.65E-09	2.45E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	3.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-10	2.25E-09	3.34E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	7.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-09	5.34E-09	7.93E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-09	1.26E-08	1.87E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	1.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-09	9.22E-09	1.37E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	8.29E-09	1.23E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-09	9.00E-09	1.34E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-09	9.15E-09	1.36E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	3.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.62E-09	2.53E-08	3.76E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	2.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-09	1.51E-08	2.25E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	3.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.99E-09	2.05E-08	3.05E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	1.85E-08	2.75E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	8.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	5.72E-08	8.50E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	4.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	3.12E-08	4.63E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	4.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	3.14E-08	4.67E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	5.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	3.45E-08	5.13E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	5.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	3.60E-08	5.35E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-4.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	-2.97E-08	-4.42E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	3.99E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-11	2.68E-10	3.98E-11	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-09	-1.79E-08	-2.66E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	3.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-10	2.10E-09	3.12E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-1.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-09	-8.93E-09	-1.33E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-4.35E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.96E-11	-2.92E-10	-4.34E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-10	-8.07E-10	-1.20E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-6.08E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-10	-4.08E-10	-6.06E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	1.85E-08	2.75E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	3.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	2.63E-08	3.91E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	2.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-09	1.83E-08	2.72E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	5.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	3.59E-09	5.34E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-2.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-09	-1.51E-08	-2.24E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	1.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-11	1.14E-10	1.70E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	1.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-11	8.57E-11	1.27E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	1.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-11	9.86E-11	1.47E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	2.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-11	1.77E-10	2.62E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	2.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-11	1.74E-10	2.58E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	3.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.21E-11	2.41E-10	3.58E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	3.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-11	2.27E-10	3.37E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	3.44E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-11	2.31E-10	3.43E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	1.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-11	1.17E-10	1.74E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	1.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-11	1.16E-10	1.73E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	2.15E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-11	1.44E-10	2.14E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	1.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-11	8.93E-11	1.33E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-1.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-10	-7.50E-10	-1.11E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	2.04E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-11	1.37E-10	2.04E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	4.64E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	3.12E-10	4.63E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	2.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	1.54E-08	2.28E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-09	1.04E-08	1.55E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	7.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	5.13E-09	7.62E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-09	-1.01E-08	-1.50E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-1.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-09	-1.19E-08	-1.76E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	4.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	2.94E-08	4.36E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	1.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	1.21E-08	1.79E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	2.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-10	1.96E-09	2.91E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	3.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-10	2.09E-09	3.11E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	9.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-10	6.26E-10	9.30E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	1.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-10	8.29E-10	1.23E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	1.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-10	1.11E-09	1.66E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	1.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-09	1.20E-08	1.78E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	6.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	4.09E-08	6.08E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	6.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	4.19E-08	6.22E-09	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	5.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	3.89E-08	5.79E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	8.29E-09	1.23E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-1.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-10	-8.36E-10	-1.24E-10	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	2.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-10	1.86E-09	2.76E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	2.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-09	1.50E-08	2.23E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	5.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-09	3.65E-09	5.42E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	2.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-10	1.56E-09	2.31E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	3.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-10	2.39E-09	3.56E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	2.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-10	1.87E-09	2.77E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	6.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	4.59E-09	6.82E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-10	8.65E-10	1.28E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	6.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	4.53E-09	6.73E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	6.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-09	4.27E-09	6.35E-10	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-09	8.00E-09	1.19E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	2.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-10	1.91E-09	2.83E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	1.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-10	8.57E-10	1.27E-10	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	1.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-09	8.15E-09	1.21E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	2.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-10	1.62E-09	2.41E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.18E-06	-1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-07	-2.81E-09	-1.39E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-4.77E-07	-5.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.94E-08	-1.14E-09	-5.63E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.78E-06	1.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	4.24E-09	2.10E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.89E-06	2.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	4.50E-09	2.23E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	8.76E-07	9.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-08	2.09E-09	1.03E-10	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	6.78E-07	7.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-08	1.61E-09	8.00E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	1.50E-07	1.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	3.57E-10	1.77E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-7.67E-07	-8.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.94E-08	-1.83E-09	-9.05E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.85E-06	3.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-07	6.79E-09	3.36E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.53E-06	2.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-07	6.03E-09	2.98E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.54E-06	2.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	6.05E-09	3.00E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	3.10E-06	3.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-07	7.38E-09	3.66E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.82E-06	6.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-07	1.39E-08	6.87E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.50E-05	1.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-06	3.57E-08	1.77E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.11E-05	1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	2.64E-08	1.31E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	1.02E-05	1.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-06	2.43E-08	1.20E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.13E-05	1.20E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	2.69E-08	1.33E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.17E-05	1.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-06	2.79E-08	1.38E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.30E-05	3.50E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-06	7.86E-08	3.89E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	2.00E-05	2.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-06	4.76E-08	2.36E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.65E-05	2.81E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-06	6.31E-08	3.13E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.49E-05	2.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-06	5.93E-08	2.94E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.21E-05	7.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-06	1.72E-07	8.50E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.99E-05	4.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	9.50E-08	4.71E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	4.05E-05	4.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-06	9.65E-08	4.78E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.53E-05	4.80E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-06	1.08E-07	5.34E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.94E-05	5.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-06	1.18E-07	5.83E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.50E-05	-3.71E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-06	-8.34E-08	-4.13E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	2.58E-06	2.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-07	6.15E-09	3.04E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.98E-05	-2.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-06	-4.72E-08	-2.34E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	4.37E-06	4.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-07	1.04E-08	5.15E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-8.27E-06	-8.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.56E-07	-1.97E-08	-9.76E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.11E-06	2.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	5.03E-09	2.49E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-6.78E-07	-7.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.02E-08	-1.61E-09	-8.00E-11	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	5.82E-07	6.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-08	1.39E-09	6.87E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.49E-05	2.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-06	5.93E-08	2.94E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.44E-05	3.65E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-06	8.19E-08	4.06E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.46E-05	2.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-06	5.86E-08	2.90E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	8.76E-06	9.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-07	2.09E-08	1.03E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.56E-05	-1.65E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-06	-3.72E-08	-1.84E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.85E-07	1.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	4.41E-10	2.18E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.35E-07	1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	3.22E-10	1.59E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.70E-07	1.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	4.05E-10	2.01E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	3.03E-07	3.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-08	7.22E-10	3.57E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	3.21E-07	3.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-08	7.65E-10	3.79E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.94E-07	5.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-08	1.18E-09	5.83E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	5.22E-07	5.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.40E-08	1.24E-09	6.16E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	5.08E-07	5.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-08	1.21E-09	5.99E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	6.49E-07	6.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-08	1.55E-09	7.66E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.96E-07	2.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-08	4.67E-10	2.31E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.34E-07	2.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	5.57E-10	2.76E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	2.47E-07	2.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	5.88E-10	2.91E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-5.78E-07	-6.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-08	-1.38E-09	-6.82E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	3.28E-07	3.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-08	7.81E-10	3.87E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	5.58E-07	5.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-08	1.33E-09	6.58E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.09E-05	2.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-06	4.98E-08	2.47E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.35E-05	1.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-06	3.22E-08	1.59E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	7.05E-06	7.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.30E-07	1.68E-08	8.32E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-9.97E-06	-1.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-06	-2.37E-08	-1.18E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.19E-05	-1.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	-2.83E-08	-1.40E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.72E-05	3.94E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-06	8.86E-08	4.39E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.55E-05	1.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-06	3.69E-08	1.83E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.68E-06	2.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-07	6.38E-09	3.16E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.84E-06	3.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-07	6.76E-09	3.35E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	8.02E-07	8.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-08	1.91E-09	9.46E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.21E-06	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	2.88E-09	1.43E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.42E-06	1.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	3.38E-09	1.68E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.62E-05	1.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-06	3.86E-08	1.91E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.12E-05	5.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-06	1.22E-07	6.04E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.24E-05	5.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-06	1.25E-07	6.18E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.85E-05	5.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-06	1.16E-07	5.72E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	1.04E-05	1.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	2.48E-08	1.23E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	7.81E-07	8.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.09E-08	1.86E-09	9.21E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	4.39E-06	4.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-07	1.05E-08	5.18E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.93E-05	2.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-06	4.60E-08	2.28E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.99E-06	5.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-07	1.19E-08	5.89E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.19E-06	2.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	5.22E-09	2.58E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.33E-06	3.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-07	7.93E-09	3.93E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.59E-06	2.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-07	6.17E-09	3.06E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	6.11E-06	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-07	1.46E-08	7.21E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.12E-06	1.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-07	2.67E-09	1.32E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	6.00E-06	6.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-07	1.43E-08	7.08E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.55E-06	5.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-07	1.32E-08	6.55E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	1.01E-05	1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	2.41E-08	1.19E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	2.39E-06	2.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-07	5.69E-09	2.82E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.15E-06	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	2.74E-09	1.36E-10	0.00E+00
263	900	935	18540299	Cr(VI)	8.37E-06	8.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.67E-07	1.99E-08	9.87E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.09E-06	2.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	4.98E-09	2.47E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-5.90E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-12	-4.25E-11	-3.16E-12	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-2.71E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-12	-1.96E-11	-1.45E-12	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	7.42E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-11	5.34E-11	3.97E-12	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	8.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	5.99E-11	4.45E-12	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	6.46E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-12	4.66E-11	3.46E-12	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	1.13E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-11	8.14E-11	6.05E-12	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	2.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-11	1.67E-10	1.24E-11	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	1.56E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-11	1.13E-10	8.36E-12	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	4.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-11	3.00E-10	2.23E-11	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	3.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-11	2.18E-10	1.62E-11	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	2.51E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-11	1.81E-10	1.34E-11	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	2.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-11	1.94E-10	1.44E-11	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	4.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-11	3.44E-10	2.56E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	9.49E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	6.84E-10	5.08E-11	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	7.30E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-10	5.26E-10	3.91E-11	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	6.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-10	4.94E-10	3.67E-11	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	7.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	5.39E-10	4.00E-11	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	7.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.55E-10	4.12E-11	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	1.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-10	1.38E-09	1.03E-10	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	1.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-10	9.60E-10	7.13E-11	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	1.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	1.31E-09	9.72E-11	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-10	1.47E-09	1.09E-10	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	4.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	3.15E-09	2.34E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	2.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-10	1.87E-09	1.39E-10	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	2.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-10	1.87E-09	1.39E-10	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	2.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-10	2.00E-09	1.49E-10	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	2.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-10	2.03E-09	1.51E-10	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-1.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-10	-1.20E-09	-8.93E-11	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	3.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-11	2.21E-10	1.65E-11	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-9.49E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-10	-6.84E-10	-5.08E-11	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	2.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-11	1.96E-10	1.46E-11	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-4.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.13E-11	-3.39E-10	-2.51E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	4.93E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-12	3.55E-11	2.64E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	1.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-11	1.25E-10	9.26E-12	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	2.76E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-11	1.99E-10	1.48E-11	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	1.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	1.02E-09	7.58E-11	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	1.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-10	1.40E-09	1.04E-10	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	1.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-10	1.43E-09	1.06E-10	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	6.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-11	4.37E-10	3.25E-11	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-8.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-10	-5.83E-10	-4.33E-11	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	1.62E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-12	1.17E-11	8.66E-13	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	1.17E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-12	8.46E-12	6.29E-13	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	1.54E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-12	1.11E-11	8.24E-13	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	2.72E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-12	1.96E-11	1.46E-12	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	2.96E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-12	2.13E-11	1.59E-12	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	4.16E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-12	3.00E-11	2.23E-12	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	4.77E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-12	3.44E-11	2.55E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	5.48E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-12	3.95E-11	2.94E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	4.90E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-12	3.53E-11	2.63E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	1.91E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-12	1.38E-11	1.02E-12	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	2.25E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-12	1.62E-11	1.20E-12	1.66E-12

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	2.73E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-12	1.97E-11	1.46E-12	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	1.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-11	1.21E-10	9.02E-12	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	2.93E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-12	2.11E-11	1.57E-12	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	6.40E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-12	4.62E-11	3.43E-12	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	1.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	1.04E-09	7.76E-11	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	7.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.55E-10	4.12E-11	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	4.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-11	2.96E-10	2.20E-11	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-5.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.78E-11	-3.69E-10	-2.74E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-5.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.53E-11	-4.05E-10	-3.01E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	2.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	1.59E-09	1.18E-10	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	9.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-10	7.09E-10	5.26E-11	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	2.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-11	1.52E-10	1.13E-11	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	2.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-11	1.64E-10	1.22E-11	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	6.01E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-12	4.33E-11	3.22E-12	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	1.14E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-11	8.22E-11	6.11E-12	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	1.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-11	7.41E-11	5.50E-12	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	1.15E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	8.30E-10	6.17E-11	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	2.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-10	2.14E-09	1.59E-10	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	3.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-10	2.23E-09	1.66E-10	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	2.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-10	1.95E-09	1.45E-10	2.00E-10
336	1142	615	7439921	Lead	0.0000117	6.57E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-11	4.74E-10	3.52E-11	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	1.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-11	1.18E-10	8.75E-12	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	3.66E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-11	2.64E-10	1.96E-11	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-10	8.67E-10	6.44E-11	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	3.54E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-11	2.56E-10	1.90E-11	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	1.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-11	1.21E-10	9.02E-12	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	2.48E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-11	1.79E-10	1.33E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	1.98E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-11	1.43E-10	1.06E-11	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	4.29E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-11	3.09E-10	2.30E-11	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	8.76E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-11	6.32E-11	4.69E-12	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	4.36E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-11	3.14E-10	2.33E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	3.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-11	2.73E-10	2.02E-11	2.80E-11
348	1577	291	7439921	Lead	0.0000109	6.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-11	4.41E-10	3.28E-11	4.53E-11
349	2400	240	7439921	Lead	0.00000286	1.61E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-11	1.16E-10	8.60E-12	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	8.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	5.99E-11	4.45E-12	6.15E-12
351	900	935	7439921	Lead	0.0000112	6.29E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-11	4.54E-10	3.37E-11	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	1.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-11	1.17E-10	8.66E-12	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000118	-2.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.00000191	-3.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-10	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000032	5.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000341	6.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.0000148	2.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00001	1.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000418	-7.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.72E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000169	-3.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000347	6.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000322	5.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000325	6.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000401	7.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.41E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000713	1.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000202	3.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000147	2.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000136	2.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000153	2.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00016	2.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000461	8.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000273	5.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000357	6.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.59E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000325	6.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00099	1.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000542	1.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000552	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000628	1.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000701	1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.00049	-9.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000374	6.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000271	-5.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.01E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000661	1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000104	-1.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000414	7.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.65E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.000017	-3.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.14E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000195	3.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000351	6.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.84E-04	8.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.94E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000323	5.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000133	2.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000207	-3.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000249	4.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000181	3.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000228	4.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000409	7.56E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000437	8.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000699	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000736	1.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000677	1.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.0000104	1.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000257	4.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000306	5.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000337	6.23E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000151	-2.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000469	8.66E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000699	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000284	5.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.00019	3.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000996	1.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000131	-2.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000159	-2.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000513	9.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000213	3.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000355	6.56E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000374	6.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.0000106	1.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000156	2.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000188	3.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000219	4.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000707	1.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000721	1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000675	1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000142	2.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000127	2.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000637	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000265	4.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000677	1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000295	5.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000449	8.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000348	6.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000825	1.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000148	2.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000804	1.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000075	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000138	2.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000032	5.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000154	2.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000103	1.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000274	5.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0686	1.53E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0646	1.44E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0942	2.10E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.105	2.34E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0428	9.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.56E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.037	8.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00131	2.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0304	-6.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.79E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0422	9.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0256	5.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00654	1.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000824	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0631	-1.41E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0295	-6.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.59E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0166	-3.71E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.000831	-1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.01	2.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0183	4.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0771	1.72E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0385	8.60E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.60E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0191	4.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0236	5.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.02	4.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0387	8.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0597	1.33E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.125	2.79E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.249	5.56E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0275	6.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0201	-4.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.49E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0125	-2.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0602	1.34E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.148	3.30E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.143	3.19E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0331	-7.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.00345	-7.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.70E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	9.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0825	1.84E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0282	6.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.206	4.60E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0205	4.58E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000828	1.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000589	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000985	2.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00261	5.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00268	5.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00601	1.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00828	1.85E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00726	1.62E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0244	5.45E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000997	2.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00106	2.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00427	9.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0288	-6.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.43E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00606	1.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.0022	4.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0524	1.17E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0172	3.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0379	8.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0405	9.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.00363	8.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.11E-07	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0112	2.50E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0115	2.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00425	9.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.49E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00389	8.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.69E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000878	1.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00227	5.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.07E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000932	2.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0291	6.50E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00847	1.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00259	5.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00153	-3.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0116	2.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0374	8.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0659	1.47E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0114	2.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00918	2.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00517	1.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00695	1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00534	1.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00749	1.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000916	2.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.0062	1.38E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00408	9.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00427	9.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00126	2.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.002	4.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00222	4.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00356	7.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00151	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00142	1.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00191	2.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00216	2.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00178	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00532	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00653	7.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00423	5.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00586	7.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00386	4.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00236	2.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00184	2.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	1.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000332	4.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000715	8.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00131	1.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00161	1.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00359	4.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00579	7.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00981	1.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	2.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00705	8.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.59E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00724	8.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00716	8.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00688	8.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.38E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00716	8.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00394	4.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00301	3.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00121	1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000993	1.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00258	3.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00206	2.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00454	5.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00534	6.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000546	6.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.65E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00177	2.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	2.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00597	7.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000988	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000132	1.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.000083	1.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000123	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000264	3.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000293	3.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00043	5.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000615	7.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000722	8.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000937	1.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000177	2.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000208	2.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000489	5.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00444	5.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000452	5.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000887	1.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00821	1.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000984	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000414	5.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00152	1.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00216	2.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00392	4.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.003	3.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	1.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	1.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	3.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	1.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000439	5.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.35E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	8.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.0017	2.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00403	4.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000558	-6.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.80E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.0011	1.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00418	5.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	6.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00383	4.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	2.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	2.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	5.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	3.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00111	1.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000503	6.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	5.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00314	6.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00322	6.54E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00503	1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00571	1.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00448	9.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.09E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0133	2.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.016	3.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00982	1.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	2.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	1.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00547	1.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00402	8.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00154	3.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.0023	-4.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000202	4.10E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00171	3.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00219	4.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00305	6.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.19E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00748	1.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	2.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0226	4.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0503	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0116	2.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0131	2.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0123	2.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0115	2.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.014	2.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.97E-03	1.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.11E-03	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.33E-03	-6.76E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.76E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-7.18E-04	-1.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	5.00E-03	1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	5.47E-03	1.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.07E-02	2.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.28E-02	2.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00133	-2.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.54E-03	5.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	7.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.10E-02	2.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00259	-5.26E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.26E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.98E-04	6.05E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000186	3.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000276	5.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000614	1.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000673	1.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000968	1.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00145	2.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00174	3.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00233	4.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000411	8.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.34E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000485	9.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.85E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.17E-03	2.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0105	2.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	1.08E-03	2.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	4.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	3.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00142	2.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000645	-1.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000531	1.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000959	1.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00774	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00623	1.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	7.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.43E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	7.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00068	1.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00254	5.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000992	2.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	3.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000878	1.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00627	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00467	-9.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00196	3.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00915	1.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	2.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00865	1.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00496	1.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00296	6.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	8.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	7.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00581	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	2.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00593	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00325	6.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00208	4.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	2.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.001	2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00206	4.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.18E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.002	4.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00718	-1.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00338	-6.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.0044	8.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0053	1.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.00151	3.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00298	6.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.0000148	3.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-10	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00723	-1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00145	2.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00105	-2.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00415	-8.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.42E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.0064	-1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0163	-3.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0304	-6.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.17E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0199	-4.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.014	-2.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0131	-2.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0114	-2.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.017	-3.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0123	-2.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.50E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0192	-3.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.90E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00685	-1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0733	-1.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0598	-1.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0668	-1.36E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0685	-1.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0456	-9.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.26E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0602	-1.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0674	-1.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0804	-1.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0403	-8.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0169	-3.43E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00534	1.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.94E-03	-1.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-4.13E-03	-8.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.38E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.41E-02	-6.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.92E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.29E-02	-4.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.65E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.30E-02	-2.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.72E-02	-9.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.58E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.41E-02	-1.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.18E-04	-6.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.30E-04	-4.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.41E-04	-6.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.92E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-4.28E-04	-8.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.69E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.01E-04	-1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.12E-03	-2.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-6.96E-04	-1.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-4.13E-04	-8.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.38E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	4.25E-04	8.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.07E-04	-6.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.23E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.38E-04	-6.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-3.82E-04	-7.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.75E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-5.42E-03	-1.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-3.55E-04	-7.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.21E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.42E-03	-2.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.54E-02	-3.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.28E-02	-2.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.12E-02	-4.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.10E-02	-8.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.32E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.54E-02	-1.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.40E-02	-4.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.87E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.45E-02	-2.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.74E-04	-1.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.22E-03	-2.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.68E-04	-1.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.51E-03	-5.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.10E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.08E-03	-2.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.45E-03	-1.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.21E-02	-8.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.55E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.62E-02	-9.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.38E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.22E-02	-8.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.57E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.48E-03	-1.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-2.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.14E-03	-1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.51E-03	-1.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.37E-03	-6.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.84E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.42E-03	-2.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.93E-03	-3.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.26E-03	-2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.54E-03	-5.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.16E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.35E-04	-1.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.36E-03	-4.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.79E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.38E-03	-6.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.28E-03	-1.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.91E-03	-3.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.87E-04	-1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.58E-03	-1.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.47E-03	-2.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.98E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.45E-03	-4.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.33E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.29E-03	-2.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	9.44E-04	1.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	1.17E-03	2.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	1.06E-04	1.87E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.48E-04	-2.61E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.61E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.27E-03	-2.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.99E-03	-5.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.13E-04	-1.26E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.07E-03	-1.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.71E-03	-3.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.28E-03	-4.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00512	-9.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.04E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00913	-1.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00609	-1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00442	-7.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00419	-7.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.40E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00373	-6.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.59E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00579	-1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00483	-8.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.53E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00767	-1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.0061	-1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0234	-4.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0194	-3.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0214	-3.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0219	-3.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0151	-2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0188	-3.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0208	-3.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0243	-4.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.29E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0123	-2.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00558	-9.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.85E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.0012	2.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00267	-4.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00228	-4.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0103	-1.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00721	-1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00711	-1.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0153	-2.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0194	-3.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000121	-2.14E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000852	-1.50E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000126	-2.23E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.00018	-3.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000237	-4.19E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000421	-7.44E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.44E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000329	-5.81E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000265	-4.68E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000557	-9.84E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.84E-11	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000127	-2.24E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000142	-2.51E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00021	-3.71E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.49E-03	-4.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.95E-04	-3.44E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.00E-04	-1.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.22E-03	-1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00402	-7.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.10E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00644	-1.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0126	-2.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.017	-3.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00795	-1.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.94E-03	-8.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.72E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.90E-04	-1.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000671	-1.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000228	-4.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00097	-1.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000409	-7.22E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.22E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00422	-7.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.45E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.013	-2.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0146	-2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0125	-2.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00306	-5.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.40E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00511	-9.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.02E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00372	-6.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.57E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0036	-6.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.36E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00143	-2.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.00067	-1.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000928	-1.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000669	-1.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.24E-03	-2.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.43E-04	-6.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.06E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00119	-2.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00129	-2.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.0027	-4.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.71E-04	-1.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.90E-04	-5.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.12E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.18E-03	-3.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000608	-1.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.0101	4.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00985	4.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0142	6.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0161	6.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0129	5.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0386	1.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.047	2.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0297	1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	7.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	5.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00656	2.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00291	-1.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00309	1.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00678	2.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00806	3.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0104	4.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.41E-02	1.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0404	1.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0686	2.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	6.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.31E-02	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0459	1.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.46E-02	1.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.24E-02	1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0468	2.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0222	9.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.46E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0147	6.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000368	1.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00297	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0168	7.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0153	6.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0321	1.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.038	1.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000398	1.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0103	4.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	4.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0381	1.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000473	2.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000914	3.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000574	2.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000852	3.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.85E-03	7.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00205	8.74E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00298	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00435	1.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00515	2.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00678	2.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.24E-03	5.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00146	6.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00348	1.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0314	1.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00322	1.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00624	2.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	2.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00576	2.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000781	3.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00671	2.8605E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8605E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00979	4.1735E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1735E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0257	1.0956E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0956E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0201	8.5686E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5686E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	4.6467E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6467E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	4.7319E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7319E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	8.7818E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7818E-09	0	0	0

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00777	3.3124E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3124E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	1.296E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.296E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	2.1272E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1272E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00787	3.355E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.355E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0242	1.0316E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0316E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00838	-3.5724E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5724E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00694	2.9585E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9585E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0286	1.2192E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2192E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	1.5048E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5048E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	1.1297E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1297E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.015	6.3945E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3945E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00886	3.777E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.777E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	5.3714E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3714E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	4.4762E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4762E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	7.375E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.375E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	1.4111E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4111E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	7.5455E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5455E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00994	4.2374E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2374E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00715	3.048E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.048E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00342	1.4579E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4579E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00302	1.2874E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2874E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00687	2.9287E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9287E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	2.5706E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5706E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000208	-5.0669E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0669E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.000073	1.7783E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7783E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000811	1.9756E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9756E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000943	2.2971E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2971E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000549	1.3374E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3374E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00152	3.7027E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7027E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00158	3.8489E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8489E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000445	1.084E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.084E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00153	3.7271E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7271E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000848	2.0657E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0657E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000239	5.822E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.822E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000651	-1.5858E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5858E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00102	-2.4847E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4847E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00242	-5.8951E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8951E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00141	-3.4348E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4348E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000839	-2.0438E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0438E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000729	-1.7758E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7758E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00052	-1.2667E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2667E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000487	-1.1863E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1863E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000415	1.0109E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0109E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000838	2.0414E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0414E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00445	1.084E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.084E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00414	-1.0085E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0085E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00302	-7.3567E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3567E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.0036	-8.7696E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.7696E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.0038	-9.2568E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2568E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00191	-4.6528E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6528E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00384	-9.3542E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.3542E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00464	-1.1303E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1303E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00611	-1.4884E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4884E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00297	-7.2349E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2349E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000728	-1.7734E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7734E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000922	2.246E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.246E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000623	1.5176E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5176E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000959	2.3361E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3361E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00259	-6.3092E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3092E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.0014	-3.4104E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4104E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00292	7.1131E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1131E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00232	-5.6515E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6515E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00487	-1.1863E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1863E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000639	1.5566E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5566E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.00000172	4.1899E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1899E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.00000261	6.358E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.358E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000296	7.2106E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2106E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000229	5.5784E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5784E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000143	3.4835E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4835E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000929	2.263E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.263E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000141	3.4348E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4348E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.00026	6.3336E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3336E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000183	4.4579E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4579E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000233	5.6759E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6759E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000875	2.1315E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1315E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000639	1.5566E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5566E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000808	1.9683E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9683E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000101	2.4604E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4604E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000754	1.8367E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8367E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00078	-1.9001E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9001E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00159	-3.8732E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8732E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.0029	-7.0644E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.0644E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.0039	-9.5004E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.5004E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000963	-2.3459E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3459E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000434	-1.0572E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0572E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.00029	7.0644E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0644E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000279	6.7964E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7964E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000026	6.3336E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3336E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000699	1.7028E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7028E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00002	4.872E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.872E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000954	2.3239E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3239E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00294	-7.1618E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1618E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00271	-6.6016E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.6016E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.0035	-8.526E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.526E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.00049	-1.1936E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1936E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000132	-3.2155E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2155E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000488	1.1888E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1888E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000166	4.0438E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0438E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000245	5.9682E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9682E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000189	4.604E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.604E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000275	6.699E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.699E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000258	6.2849E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2849E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000388	9.4517E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4517E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000474	1.1547E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1547E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000413	1.0061E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0061E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000756	1.8416E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8416E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000392	-9.5491E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.5491E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000308	-7.5029E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5029E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000489	1.1912E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1912E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000271	-6.6016E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.6016E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000905	2.2046E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2046E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.00542	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00932	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0279	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0305	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0132	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.011	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00062	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00684	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0233	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0193	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0161	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/21/2019 2:21:33 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0181	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0216	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0815	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.059	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0559	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0656	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0712	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.213	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.125	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.158	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.145	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.434	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.24	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.247	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.29	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.344	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.204	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0315	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.101	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0427	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0225	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0396	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00888	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00501	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.169	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.226	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.145	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0908	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0659	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.00133	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000947	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00127	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00227	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00255	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00437	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00482	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00425	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00841	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00138	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.0016	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00232	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0076	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00312	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00381	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.133	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0879	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0487	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0373	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0484	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.227	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0955	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0163	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.017	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00454	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00742	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00805	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.101	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.31	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.315	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.297	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0615	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.018	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0425	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.118	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0318	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0141	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0213	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0164	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0377	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00638	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0334	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0606	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0136	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00705	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0278	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0118	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-1.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-09	-1.33E-08	-9.67E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-1.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-09	-9.17E-09	-6.68E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	8.92E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	7.09E-10	5.16E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	1.95E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-11	1.55E-10	1.13E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	8.39E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-11	6.67E-11	4.85E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-2.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-10	-1.66E-09	-1.21E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-4.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.73E-10	-3.64E-09	-2.65E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-8.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-09	-7.00E-09	-5.09E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	8.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	6.62E-09	4.82E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	8.08E-09	5.88E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	1.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	1.09E-08	7.95E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-09	1.49E-08	1.08E-09	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	4.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-09	3.53E-08	2.57E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	8.32E-08	6.06E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	7.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	6.10E-08	4.44E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.48E-08	3.99E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	7.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	5.96E-08	4.34E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	7.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	6.05E-08	4.40E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	2.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-08	1.67E-07	1.22E-08	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	1.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-08	1.00E-07	7.29E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	1.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	1.36E-07	9.88E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	1.22E-07	8.91E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	4.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-08	3.79E-07	2.76E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	2.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-08	2.06E-07	1.50E-08	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	2.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-08	2.08E-07	1.51E-08	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	2.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-08	2.28E-07	1.66E-08	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	3.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-08	2.38E-07	1.73E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-2.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-08	-1.97E-07	-1.43E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	2.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-10	1.77E-09	1.29E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-08	-1.19E-07	-8.64E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	1.39E-08	1.01E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-7.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	-5.91E-08	-4.30E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-10	-1.93E-09	-1.41E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-6.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.89E-10	-5.34E-09	-3.89E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-3.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-10	-2.70E-09	-1.96E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	1.22E-07	8.91E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	2.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	1.74E-07	1.27E-08	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	1.21E-07	8.81E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	2.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-09	2.38E-08	1.73E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-08	-9.98E-08	-7.26E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	9.52E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	7.56E-10	5.51E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	7.14E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	5.67E-10	4.13E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	8.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	6.52E-10	4.75E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	1.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-10	1.17E-09	8.50E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	1.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-10	1.15E-09	8.36E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	2.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-10	1.59E-09	1.16E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	1.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-10	1.50E-09	1.09E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	1.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-10	1.53E-09	1.11E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	9.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	7.75E-10	5.64E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	9.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	7.71E-10	5.61E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-10	9.55E-10	6.95E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	7.43E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	5.91E-10	4.30E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-6.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-10	-4.96E-09	-3.61E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	1.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-10	9.08E-10	6.61E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	2.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-10	2.06E-09	1.50E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	1.02E-07	7.40E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	8.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	6.90E-08	5.02E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	4.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-09	3.39E-08	2.47E-09	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-8.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	-6.67E-08	-4.85E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-9.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	-7.85E-08	-5.71E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	2.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	1.94E-07	1.41E-08	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	7.99E-08	5.82E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	1.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-09	1.30E-08	9.43E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	1.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	1.39E-08	1.01E-09	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	5.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-10	4.14E-09	3.01E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	6.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	5.48E-09	3.99E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	9.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	7.38E-09	5.37E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	9.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	7.94E-08	5.78E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	3.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-08	2.71E-07	1.97E-08	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	3.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-08	2.77E-07	2.02E-08	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	3.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-08	2.58E-07	1.88E-08	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.48E-08	3.99E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-6.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	-5.53E-09	-4.03E-10	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-09	1.23E-08	8.95E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-08	9.93E-08	7.23E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	3.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-09	2.42E-08	1.76E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	1.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	1.03E-08	7.50E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	1.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-09	1.58E-08	1.15E-09	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-09	1.23E-08	8.98E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	3.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-09	3.04E-08	2.21E-09	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	7.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	5.72E-09	4.16E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	3.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	3.00E-08	2.18E-09	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	3.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	2.83E-08	2.06E-09	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	6.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.81E-09	5.30E-08	3.85E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	1.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	1.26E-08	9.19E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	7.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	5.67E-09	4.13E-10	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	6.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-09	5.39E-08	3.92E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	1.07E-08	7.81E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.18E-06	-4.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.39E-07	-1.86E-08	-4.51E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-4.77E-07	-1.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-07	-7.52E-09	-1.82E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.78E-06	6.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-07	2.81E-08	6.81E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.89E-06	7.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-07	2.98E-08	7.23E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	8.76E-07	3.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-07	1.38E-08	3.35E-10	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	6.78E-07	2.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	1.07E-08	2.59E-10	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	1.50E-07	5.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-08	2.36E-09	5.73E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-7.67E-07	-2.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-07	-1.21E-08	-2.93E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.85E-06	1.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-06	4.49E-08	1.09E-09	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.53E-06	9.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-07	3.99E-08	9.67E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.54E-06	9.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.45E-07	4.00E-08	9.71E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	3.10E-06	1.20E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	4.89E-08	1.19E-09	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.82E-06	2.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-06	9.17E-08	2.23E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.50E-05	5.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-06	2.36E-07	5.73E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.11E-05	4.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	1.75E-07	4.24E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	1.02E-05	3.96E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-06	1.61E-07	3.90E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.13E-05	4.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-06	1.78E-07	4.32E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.17E-05	4.54E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-06	1.84E-07	4.47E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.30E-05	1.28E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-05	5.20E-07	1.26E-08	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	2.00E-05	7.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-06	3.15E-07	7.65E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.65E-05	1.03E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.86E-06	4.18E-07	1.01E-08	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.49E-05	9.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-06	3.92E-07	9.52E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.21E-05	2.80E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-05	1.14E-06	2.76E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.99E-05	1.55E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-05	6.29E-07	1.53E-08	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	4.05E-05	1.57E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-05	6.38E-07	1.55E-08	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.53E-05	1.76E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-05	7.14E-07	1.73E-08	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.94E-05	1.92E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-05	7.79E-07	1.89E-08	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.50E-05	-1.36E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-05	-5.52E-07	-1.34E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	2.58E-06	1.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-07	4.07E-08	9.86E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.98E-05	-7.69E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.37E-06	-3.12E-07	-7.57E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	4.37E-06	1.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	6.89E-08	1.67E-09	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-8.27E-06	-3.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-06	-1.30E-07	-3.16E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.11E-06	8.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.85E-07	3.33E-08	8.07E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-6.78E-07	-2.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-07	-1.07E-08	-2.59E-10	0.00E+00

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	5.82E-07	2.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	9.17E-09	2.23E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.49E-05	9.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-06	3.92E-07	9.52E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.44E-05	1.34E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-05	5.42E-07	1.32E-08	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.46E-05	9.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.15E-06	3.88E-07	9.41E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	8.76E-06	3.40E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-06	1.38E-07	3.35E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.56E-05	-6.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.80E-06	-2.46E-07	-5.96E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.85E-07	7.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-08	2.92E-09	7.07E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.35E-07	5.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-08	2.13E-09	5.16E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.70E-07	6.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-08	2.68E-09	6.50E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	3.03E-07	1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	4.78E-09	1.16E-10	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	3.21E-07	1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	5.06E-09	1.23E-10	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	4.94E-07	1.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	7.79E-09	1.89E-10	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	5.22E-07	2.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-07	8.23E-09	2.00E-10	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	5.08E-07	1.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-07	8.01E-09	1.94E-10	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	6.49E-07	2.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-07	1.02E-08	2.48E-10	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.96E-07	7.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.29E-08	3.09E-09	7.49E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.34E-07	9.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-08	3.69E-09	8.95E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	2.47E-07	9.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-08	3.89E-09	9.44E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-5.78E-07	-2.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-07	-9.11E-09	-2.21E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	3.28E-07	1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	5.17E-09	1.25E-10	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	5.58E-07	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	8.79E-09	2.13E-10	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.09E-05	8.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-06	3.29E-07	7.99E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.35E-05	5.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-06	2.13E-07	5.16E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	7.05E-06	2.74E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-06	1.11E-07	2.70E-09	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-9.97E-06	-3.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-06	-1.57E-07	-3.81E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.19E-05	-4.62E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.43E-06	-1.88E-07	-4.55E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.72E-05	1.44E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-05	5.86E-07	1.42E-08	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.55E-05	6.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-06	2.44E-07	5.93E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.68E-06	1.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-07	4.22E-08	1.02E-09	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.84E-06	1.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-06	4.48E-08	1.09E-09	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	8.02E-07	3.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	1.26E-08	3.07E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.21E-06	4.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-07	1.91E-08	4.63E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.42E-06	5.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-07	2.24E-08	5.43E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.62E-05	6.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-06	2.55E-07	6.19E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.12E-05	1.99E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-05	8.07E-07	1.96E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.24E-05	2.03E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-05	8.26E-07	2.00E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	4.85E-05	1.88E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-05	7.64E-07	1.85E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	1.04E-05	4.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-06	1.64E-07	3.98E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	7.81E-07	3.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-07	1.23E-08	2.99E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	4.39E-06	1.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	6.92E-08	1.68E-09	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.93E-05	7.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-06	3.04E-07	7.38E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.99E-06	1.94E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	7.86E-08	1.91E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.19E-06	8.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-07	3.45E-08	8.37E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.33E-06	1.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-06	5.25E-08	1.27E-09	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.59E-06	1.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-07	4.08E-08	9.90E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	6.11E-06	2.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-06	9.63E-08	2.34E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.12E-06	4.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-07	1.77E-08	4.28E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	6.00E-06	2.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	9.46E-08	2.29E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.55E-06	2.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-06	8.75E-08	2.12E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	1.01E-05	3.92E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-06	1.59E-07	3.86E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	2.39E-06	9.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-07	3.77E-08	9.14E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.15E-06	4.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-07	1.81E-08	4.40E-10	0.00E+00
263	900	935	18540299	Cr(VI)	8.37E-06	3.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-06	1.32E-07	3.20E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.09E-06	8.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-07	3.29E-08	7.99E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-3.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-11	-2.81E-10	-1.02E-11	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-1.51E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-11	-1.29E-10	-4.71E-12	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	4.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-11	3.54E-10	1.29E-11	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	4.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-11	3.97E-10	1.44E-11	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	3.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-11	3.08E-10	1.12E-11	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	6.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-11	5.39E-10	1.96E-11	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-10	1.11E-09	4.03E-11	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	8.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-11	7.45E-10	2.71E-11	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	2.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-10	1.99E-09	7.22E-11	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	1.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-10	1.44E-09	5.25E-11	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	1.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	1.19E-09	4.35E-11	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	1.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	1.28E-09	4.67E-11	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	2.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-10	2.28E-09	8.29E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	5.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-10	4.53E-09	1.65E-10	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	4.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-10	3.48E-09	1.27E-10	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	3.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-10	3.27E-09	1.19E-10	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	4.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-10	3.56E-09	1.30E-10	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	3.67E-09	1.34E-10	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	1.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	9.14E-09	3.32E-10	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	7.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-10	6.35E-09	2.31E-10	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	1.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.90E-10	8.65E-09	3.15E-10	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	9.70E-09	3.53E-10	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	2.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	2.08E-08	7.58E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	1.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	1.24E-08	4.49E-10	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	1.24E-08	4.51E-10	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	1.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-09	1.32E-08	4.82E-10	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	1.34E-08	4.88E-10	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-9.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.10E-10	-7.96E-09	-2.90E-10	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	1.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-10	1.47E-09	5.33E-11	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-5.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-10	-4.53E-09	-1.65E-10	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	1.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	1.30E-09	4.72E-11	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-2.61E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-10	-2.24E-09	-8.15E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	2.74E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-11	2.35E-10	8.55E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	9.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-11	8.25E-10	3.00E-11	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	1.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-10	1.32E-09	4.79E-11	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	7.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-10	6.75E-09	2.46E-10	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	9.27E-09	3.37E-10	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	9.46E-09	3.44E-10	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	3.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	2.89E-09	1.05E-10	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-4.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.41E-10	-3.86E-09	-1.40E-10	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	9.00E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-12	7.72E-11	2.81E-12	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	6.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-12	5.60E-11	2.04E-12	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	8.56E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-12	7.34E-11	2.67E-12	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	1.52E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-11	1.30E-10	4.73E-12	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	1.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-11	1.41E-10	5.14E-12	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	2.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-11	1.99E-10	7.22E-12	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	2.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-11	2.27E-10	8.28E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	3.05E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-11	2.61E-10	9.52E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	2.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-11	2.34E-10	8.51E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	1.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-11	9.11E-11	3.31E-12	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	1.25E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-11	1.07E-10	3.90E-12	1.66E-12

Proposed Project RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	1.52E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-11	1.30E-10	4.74E-12	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	9.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-11	8.04E-10	2.92E-11	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	1.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-11	1.40E-10	5.08E-12	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	3.56E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-11	3.05E-10	1.11E-11	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	8.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-10	6.91E-09	2.52E-10	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	3.67E-09	1.34E-10	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	2.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-10	1.96E-09	7.14E-11	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-2.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-10	-2.44E-09	-8.89E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-3.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.06E-10	-2.68E-09	-9.75E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	1.05E-08	3.82E-10	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	5.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-10	4.69E-09	1.71E-10	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	1.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	1.00E-09	3.66E-11	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	1.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	1.09E-09	3.95E-11	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	3.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-11	2.87E-10	1.04E-11	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	6.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-11	5.44E-10	1.98E-11	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	5.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-11	4.90E-10	1.78E-11	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	6.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-10	5.49E-09	2.00E-10	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	1.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	1.41E-08	5.15E-10	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	1.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	1.48E-08	5.37E-10	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	1.29E-08	4.69E-10	2.00E-10
336	1142	615	7439921	Lead	0.0000117	3.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-10	3.13E-09	1.14E-10	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	9.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-11	7.80E-10	2.84E-11	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	2.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	1.75E-09	6.36E-11	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	6.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-10	5.73E-09	2.09E-10	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	1.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-10	1.69E-09	6.15E-11	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	9.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-11	8.04E-10	2.92E-11	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	1.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	1.18E-09	4.31E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	1.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	9.46E-10	3.44E-11	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	2.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-10	2.05E-09	7.45E-11	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	4.87E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-11	4.18E-10	1.52E-11	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	2.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	2.08E-09	7.57E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	2.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-10	1.80E-09	6.56E-11	2.80E-11
348	1577	291	7439921	Lead	0.0000109	3.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	2.92E-09	1.06E-10	4.53E-11
349	2400	240	7439921	Lead	0.00000286	8.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-11	7.66E-10	2.79E-11	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	4.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-11	3.97E-10	1.44E-11	6.15E-12
351	900	935	7439921	Lead	0.0000112	3.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-10	3.00E-09	1.09E-10	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	9.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-11	7.72E-10	2.81E-11	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000118	-7.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.83E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.00000191	-1.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000032	2.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000341	2.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.0000148	9.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00001	6.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000418	-2.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.78E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000169	-1.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000347	2.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000322	2.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000325	2.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000401	2.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000713	4.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000202	1.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000147	9.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000136	9.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000153	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00016	1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000461	3.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000273	1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000357	2.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000325	2.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00099	6.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000542	3.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000552	3.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000628	4.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000701	4.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.00049	-3.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000374	2.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000271	-1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000661	4.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000104	-6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.90E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000414	2.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.000017	-1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000195	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000351	2.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.84E-04	3.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000323	2.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000133	8.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000207	-1.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000249	1.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000181	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000228	1.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-09	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000409	2.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-09	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000437	2.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-09	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000699	4.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000736	4.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000677	4.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.0000104	6.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.90E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000257	1.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000306	2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000337	2.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000151	-1.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-08	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000469	3.11E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-09	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000699	4.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000284	1.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.00019	1.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000996	6.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000131	-8.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000159	-1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-07	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000513	3.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000213	1.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000355	2.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000374	2.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.0000106	7.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000156	1.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000188	1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000219	1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000707	4.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000721	4.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000675	4.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000142	9.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.43E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000127	8.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000637	4.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000265	1.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000677	4.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000295	1.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000449	2.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000348	2.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000825	5.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000148	9.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000804	5.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000075	4.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000138	9.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.16E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000032	2.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000154	1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000103	6.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000274	1.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0686	5.51E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0646	5.18E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0942	7.56E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.105	8.43E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0428	3.43E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-05	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.037	2.97E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-05	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00131	1.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0304	-2.44E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0422	3.39E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0256	2.05E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00654	5.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000824	6.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0631	-5.06E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0295	-2.37E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0166	-1.33E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.000831	-6.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.67E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.01	8.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0183	1.47E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-05	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0771	6.19E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.19E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0385	3.09E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-05	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0191	1.53E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-05	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0236	1.89E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-05	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.02	1.61E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0387	3.11E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0597	4.79E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.125	1.00E-04	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-04	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.249	2.00E-04	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-04	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0275	2.21E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0201	-1.61E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0125	-1.00E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0602	4.83E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.148	1.19E-04	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-04	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.143	1.15E-04	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-04	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0331	-2.66E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.00345	-2.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	3.43E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-05	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0825	6.62E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0282	2.26E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-05	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.206	1.65E-04	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0205	1.65E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000828	6.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000589	4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000985	7.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00261	2.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-06	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00268	2.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00601	4.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00828	6.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00726	5.83E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0244	1.96E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-05	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000997	8.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00106	8.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.51E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00427	3.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0288	-2.31E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00606	4.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.0022	1.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0524	4.21E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.0172	1.38E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-05	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0379	3.04E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-05	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0405	3.25E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.00363	2.91E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0112	8.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0115	9.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00425	3.41E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00389	3.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000878	7.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00227	1.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000932	7.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0291	2.34E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-05	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00847	6.80E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00259	2.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00153	-1.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0116	9.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.31E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0374	3.00E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0659	5.29E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0114	9.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.15E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00918	7.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00517	4.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00695	5.58E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00534	4.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00749	6.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000916	7.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.0062	4.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00408	3.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00427	3.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00126	1.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.002	1.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00222	1.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00356	2.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00151	6.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00142	6.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00191	8.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00216	9.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.46E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00178	7.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00532	2.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00653	2.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00423	1.85E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00586	2.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00386	1.69E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00236	1.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00184	8.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.05E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	5.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000332	1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000715	3.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	4.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00131	5.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00161	7.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00359	1.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00579	2.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00981	4.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	9.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.06E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00705	3.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00724	3.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00716	3.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00688	3.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00716	3.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00394	1.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00301	1.32E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00121	5.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000993	4.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00258	1.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-06	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00206	9.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.02E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00454	1.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00534	2.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000546	2.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00177	7.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	7.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00597	2.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000988	4.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000132	5.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.000083	3.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000123	5.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000264	1.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000293	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00043	1.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000615	2.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000722	3.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000937	4.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000177	7.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000208	9.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000489	2.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00444	1.94E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000452	1.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000887	3.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00821	3.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000984	4.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000414	1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00152	6.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.65E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00216	9.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.46E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00392	1.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.003	1.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	6.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.65E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	6.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	1.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	4.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000439	1.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	3.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.0017	7.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00403	1.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000558	-2.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.0011	4.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00418	1.83E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	2.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00383	1.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	9.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	5.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	7.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	2.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	1.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	6.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00111	4.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000503	2.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	1.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	4.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	3.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00314	2.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00322	2.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00503	3.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00571	4.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00448	3.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0133	9.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.70E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.016	1.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00982	7.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	6.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00547	3.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00402	2.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00154	1.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.0023	-1.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000202	1.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00171	1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00219	1.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00305	2.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00748	5.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	9.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.63E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0226	1.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0503	3.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0116	8.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0131	9.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.56E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0123	8.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.97E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0115	8.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.014	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.97E-03	3.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.11E-03	1.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.33E-03	-2.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-7.18E-04	-5.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	5.00E-03	3.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	5.47E-03	3.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.07E-02	7.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.28E-02	9.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.34E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00133	-9.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.70E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.54E-03	1.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	2.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.10E-02	8.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00259	-1.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.98E-04	2.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000186	1.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000276	2.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000614	4.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000673	4.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000968	7.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00145	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00174	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00233	1.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000411	3.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000485	3.54E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.17E-03	8.54E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0105	7.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	1.08E-03	7.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00142	1.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000645	-4.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000531	3.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000959	7.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00774	5.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00623	4.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	2.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00068	4.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00254	1.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000992	7.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	1.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000878	6.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00627	4.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00467	-3.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00196	1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00915	6.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	8.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00865	6.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00496	3.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00296	2.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	3.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00581	4.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	7.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00593	4.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00325	2.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00208	1.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	7.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.001	7.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.30E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00206	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.002	1.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00718	-5.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00338	-2.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.0044	3.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-07	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0053	3.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.00151	1.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00298	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.0000148	1.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00723	-5.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.27E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00145	1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00105	-7.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00415	-3.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.03E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.0064	-4.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0163	-1.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0304	-2.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0199	-1.45E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.014	-1.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-06	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0131	-9.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.56E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0114	-8.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.32E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.017	-1.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0123	-8.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.97E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0192	-1.40E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00685	-5.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0733	-5.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.35E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0598	-4.36E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0668	-4.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.87E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0685	-5.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0456	-3.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0602	-4.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.39E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0674	-4.92E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0804	-5.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.87E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0403	-2.94E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0169	-1.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	0.00534	3.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.94E-03	-4.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.33E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-4.13E-03	-3.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.41E-02	-2.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.29E-02	-1.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.30E-02	-9.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.72E-02	-3.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.41E-02	-4.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.18E-04	-2.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.30E-04	-1.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.41E-04	-2.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-4.28E-04	-3.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.01E-04	-4.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.12E-03	-8.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-6.96E-04	-5.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-4.13E-04	-3.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	4.25E-04	3.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.07E-04	-2.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.38E-04	-2.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-3.82E-04	-2.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-5.42E-03	-3.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-3.55E-04	-2.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.59E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.42E-03	-1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.54E-02	-1.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.28E-02	-9.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.34E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.12E-02	-1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.10E-02	-2.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.54E-02	-4.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.40E-02	-1.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.45E-02	-1.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-06	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.74E-04	-7.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.22E-03	-8.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.90E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.68E-04	-4.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.51E-03	-1.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.08E-03	-7.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.88E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.45E-03	-6.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.89E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.21E-02	-3.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.62E-02	-3.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.37E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.22E-02	-3.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.48E-03	-6.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.92E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-1.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-06	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.14E-03	-6.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.67E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.51E-03	-6.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.94E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.37E-03	-2.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.42E-03	-1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.93E-03	-1.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.26E-03	-9.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.54E-03	-1.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.35E-04	-6.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.09E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.36E-03	-1.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.38E-03	-2.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.28E-03	-6.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.04E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.91E-03	-1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.87E-04	-5.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.01E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.58E-03	-4.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.80E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.47E-03	-1.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.45E-03	-1.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.29E-03	-8.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.19E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	9.44E-04	5.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	1.17E-03	7.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.43E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	1.06E-04	6.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.73E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.48E-04	-9.39E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.39E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.27E-03	-8.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.06E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.99E-03	-1.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.13E-04	-4.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.07E-03	-6.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.79E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.71E-03	-1.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.28E-03	-1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00512	-3.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00913	-5.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.80E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00609	-3.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00442	-2.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00419	-2.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00373	-2.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00579	-3.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00483	-3.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00767	-4.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.87E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.0061	-3.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0234	-1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0194	-1.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0214	-1.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0219	-1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0151	-9.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.58E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0188	-1.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0208	-1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0243	-1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0123	-7.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00558	-3.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	0.0012	7.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00267	-1.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00228	-1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0103	-6.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.54E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00721	-4.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.58E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00711	-4.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0153	-9.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.71E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0194	-1.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000121	-7.68E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.68E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000852	-5.41E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.41E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000126	-8.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.00E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.00018	-1.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-09	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000237	-1.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000421	-2.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000329	-2.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000265	-1.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.0000557	-3.54E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000127	-8.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.06E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000142	-9.01E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.01E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00021	-1.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.49E-03	-1.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.95E-04	-1.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.00E-04	-3.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.22E-03	-3.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00402	-2.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00644	-4.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.09E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0126	-8.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.00E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.017	-1.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-07	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00795	-5.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.94E-03	-3.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.14E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.90E-04	-3.74E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.74E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000671	-4.26E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000228	-1.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00097	-6.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.16E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000409	-2.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00422	-2.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.013	-8.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0146	-9.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0125	-7.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00306	-1.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00511	-3.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00372	-2.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0036	-2.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00143	-9.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.08E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.00067	-4.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000928	-5.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.89E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000669	-4.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.24E-03	-7.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.43E-04	-2.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00119	-7.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.55E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00129	-8.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.19E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.0027	-1.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.71E-04	-4.26E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.90E-04	-1.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.18E-03	-1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000608	-3.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.86E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.0101	1.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00985	1.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0142	2.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0161	2.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0129	1.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0386	5.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.047	7.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.20E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0297	4.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	4.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	2.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	1.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00656	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00291	-4.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.46E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00309	4.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00678	1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00806	1.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0104	1.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.41E-02	3.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0404	6.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.19E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0686	1.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	2.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.31E-02	6.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0459	7.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.46E-02	6.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.24E-02	6.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0468	7.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0222	3.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0147	2.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000368	5.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00297	4.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0168	2.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0153	2.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0321	4.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.038	5.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000398	6.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0103	1.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	1.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0381	5.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000473	7.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000914	1.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000574	8.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000852	1.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.85E-03	2.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00205	3.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00298	4.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00435	6.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00515	7.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00678	1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.24E-03	1.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00146	2.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00348	5.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0314	4.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00322	4.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00624	9.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.56E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	8.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00576	8.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	0.000781	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00671	1.028E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.028E-07	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00979	1.4999E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4999E-07	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0257	3.9374E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9374E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0201	3.0795E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0795E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	0.000000167	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.000000167	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	1.7006E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7006E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	3.1561E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1561E-08	0	0	0

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00777	1.1904E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1904E-07	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	4.6575E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6575E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	7.645E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.645E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00787	1.2057E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2057E-07	0	0	0
950	1650	-890	50000	Formaldehyde	0.0242	3.7076E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7076E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00838	-1.2839E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2839E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00694	1.0633E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0633E-07	0	0	0
953	-333	-788	50000	Formaldehyde	0.0286	4.3817E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3817E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	5.4082E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4082E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	0.000000406	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.000000406	0	0	0
956	1815	-1910	50000	Formaldehyde	0.015	2.2981E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2981E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00886	1.3574E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3574E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	1.9304E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9304E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.6087E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6087E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	2.6505E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6505E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	5.0712E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0712E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	2.7118E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7118E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00994	1.5229E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5229E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00715	1.0954E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0954E-07	0	0	0
965	2400	240	50000	Formaldehyde	0.00342	5.2397E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2397E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00302	4.6269E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6269E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00687	1.0525E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0525E-07	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	9.2384E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2384E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000208	-1.821E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.821E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	0.000073	6.3909E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3909E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000811	7.1001E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1001E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000943	8.2557E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2557E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000549	4.8063E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8063E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00152	1.3307E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3307E-07	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00158	1.3832E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3832E-07	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000445	3.8958E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8958E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00153	1.3395E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3395E-07	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000848	7.424E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.424E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000239	2.0924E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0924E-08	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000651	-5.6993E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6993E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00102	-8.9298E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.9298E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00242	-2.1186E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1186E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00141	-1.2344E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2344E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000839	-7.3452E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3452E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000729	-6.3822E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3822E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00052	-4.5524E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5524E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000487	-4.2635E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2635E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000415	3.6332E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6332E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000838	7.3364E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3364E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00445	3.8958E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8958E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00414	-3.6244E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6244E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00302	-2.6439E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6439E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.0036	-3.1517E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1517E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.0038	-3.3268E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3268E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00191	-1.6721E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6721E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00384	-3.3618E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3618E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00464	-4.0622E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0622E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00611	-5.3491E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.3491E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00297	-2.6001E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6001E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000728	-6.3734E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3734E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000922	8.0718E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0718E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000623	5.4542E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4542E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000959	8.3958E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3958E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00259	-2.2675E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2675E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.0014	-1.2257E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2257E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00292	2.5564E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5564E-07	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00232	-2.0311E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0311E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00487	-4.2635E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2635E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000639	5.5942E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5942E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.00000172	1.5058E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5058E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.00000261	2.285E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.285E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000296	2.5914E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5914E-09	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000229	2.0048E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0048E-09	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	0.0000143	1.2519E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2519E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000929	8.1331E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1331E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000141	1.2344E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2344E-08	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.00026	2.2762E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2762E-08	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000183	1.6021E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6021E-09	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000233	2.0398E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0398E-09	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000875	7.6604E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6604E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000639	5.5942E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5942E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000808	7.0738E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0738E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000101	8.8422E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8422E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000754	6.601E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.601E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00078	-6.8287E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8287E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00159	-1.392E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.392E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.0029	-2.5389E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5389E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.0039	-3.4143E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4143E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000963	-8.4308E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.4308E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000434	-3.7995E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7995E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.00029	2.5389E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5389E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000279	2.4426E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4426E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000026	2.2762E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2762E-09	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000699	6.1195E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1195E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00002	1.7509E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7509E-09	0	0	0
1124	1088	-938	91203	Naphthalene	0.000954	8.352E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.352E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00294	-2.5739E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5739E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00271	-2.3725E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3725E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.0035	-3.0641E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0641E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.00049	-4.2898E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2898E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000132	-1.1556E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1556E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.000488	4.2723E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2723E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000166	1.4533E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4533E-08	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000245	2.1449E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1449E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000189	1.6546E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6546E-08	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000275	2.4075E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4075E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000258	2.2587E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2587E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000388	3.3968E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3968E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000474	4.1497E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1497E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000413	3.6157E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6157E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000756	6.6185E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6185E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000392	-3.4318E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4318E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000308	-2.6964E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6964E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000489	4.281E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.281E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000271	-2.3725E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3725E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000905	7.923E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.923E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	0.00542	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	0.00932	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0279	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0305	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0132	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.011	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00062	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00684	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0233	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0193	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0161	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 1:17:20 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.h

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0181	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0216	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0815	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.059	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0559	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0656	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0712	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.213	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.125	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.158	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.145	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.434	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.24	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.247	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.29	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.344	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.204	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.0315	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.101	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0427	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0225	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0396	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00888	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.00501	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.169	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.226	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.145	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0908	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0659	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.00133	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000947	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00127	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00227	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00255	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00437	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00482	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00425	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00841	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00138	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.0016	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00232	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0076	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00312	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00381	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.133	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0879	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0487	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0373	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0484	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.227	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0955	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0163	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.017	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00454	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00742	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00805	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.101	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.31	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.315	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.297	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0615	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.018	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0425	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.118	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0318	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0141	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0213	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0164	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0377	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00638	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0334	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0606	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0136	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00705	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0278	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0118	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	7.65E-07	2.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-09	2.10E-08	4.13E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	7.52E-07	2.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-09	2.07E-08	4.06E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	7.11E-07	2.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	1.95E-08	3.84E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	5.50E-07	1.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	1.51E-08	2.97E-10	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	4.09E-07	1.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	1.12E-08	2.21E-10	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	4.90E-07	1.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-09	1.35E-08	2.64E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	6.18E-07	1.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-09	1.70E-08	3.33E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	2.24E-06	6.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-09	6.15E-08	1.21E-09	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.29E-06	1.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	1.18E-07	2.31E-09	0.00E+00
10	-75.04	299.11	7440382	Arsenic	3.10E-06	9.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	8.52E-08	1.67E-09	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.98E-06	6.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-09	5.44E-08	1.07E-09	0.00E+00
12	144.22	648.15	7440382	Arsenic	1.63E-06	5.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-09	4.48E-08	8.79E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	1.60E-06	4.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-09	4.40E-08	8.63E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.77E-06	5.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-09	4.86E-08	9.55E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.52E-06	4.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-09	4.18E-08	8.20E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.37E-06	4.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	3.76E-08	7.39E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.32E-06	4.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-09	3.63E-08	7.12E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.27E-06	3.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-09	3.49E-08	6.85E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	1.90E-06	5.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-09	5.22E-08	1.03E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.37E-06	4.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	3.76E-08	7.39E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.75E-06	5.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	4.81E-08	9.44E-10	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.26E-06	7.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-09	6.21E-08	1.22E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	7.08E-06	2.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	1.95E-07	3.82E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	8.85E-06	2.76E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-08	2.43E-07	4.78E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	1.21E-05	3.77E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-08	3.32E-07	6.53E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	1.62E-05	5.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-08	4.45E-07	8.74E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.27E-05	7.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.20E-08	6.24E-07	1.22E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	2.02E-05	6.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-08	5.55E-07	1.09E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	2.35E-05	7.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-08	6.46E-07	1.27E-08	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	2.09E-05	6.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-08	5.74E-07	1.13E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	1.47E-06	4.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-09	4.04E-08	7.93E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	7.73E-07	2.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	2.12E-08	4.17E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	8.63E-07	2.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	2.37E-08	4.66E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.02E-06	3.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-09	2.80E-08	5.50E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	3.78E-06	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	1.04E-07	2.04E-09	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.66E-06	5.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-09	4.56E-08	8.96E-10	0.00E+00
37	1183.39	65.17	7440382	Arsenic	1.99E-06	6.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	5.47E-08	1.07E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	3.11E-06	9.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-09	8.55E-08	1.68E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	2.34E-05	7.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-08	6.43E-07	1.26E-08	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	4.66E-06	1.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	1.28E-07	2.51E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.35E-07	4.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-10	3.71E-09	7.28E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	9.81E-08	3.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-10	2.70E-09	5.29E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.63E-07	5.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-10	4.48E-09	8.79E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.76E-07	5.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-10	4.84E-09	9.50E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	3.53E-07	1.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	9.70E-09	1.90E-10	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	4.62E-07	1.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	1.27E-08	2.49E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	5.38E-07	1.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	1.48E-08	2.90E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	4.15E-07	1.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	1.14E-08	2.24E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	3.33E-07	1.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	9.15E-09	1.80E-10	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	2.17E-07	6.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-10	5.96E-09	1.17E-10	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.24E-07	6.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-10	6.15E-09	1.21E-10	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.65E-07	5.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-10	4.53E-09	8.90E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	9.77E-07	3.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-09	2.68E-08	5.27E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	2.02E-07	6.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-10	5.55E-09	1.09E-10	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.29E-07	1.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	1.18E-08	2.31E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	6.45E-06	2.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	1.77E-07	3.48E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.36E-06	4.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-09	3.74E-08	7.34E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	1.06E-06	3.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-09	2.91E-08	5.72E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	1.37E-06	4.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-09	3.76E-08	7.39E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	1.39E-05	4.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-08	3.82E-07	7.50E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.97E-06	9.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-09	8.16E-08	1.60E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.85E-06	5.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-09	5.08E-08	9.98E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	4.26E-07	1.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	1.17E-08	2.30E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	3.71E-07	1.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	1.02E-08	2.00E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	1.51E-07	4.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-10	4.15E-09	8.15E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.51E-07	2.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	1.79E-08	3.51E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	2.10E-07	6.55E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-10	5.77E-09	1.13E-10	0.00E+00
68	1088	-938	7440382	Arsenic	3.06E-06	9.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-09	8.41E-08	1.65E-09	0.00E+00
69	1647	-390	7440382	Arsenic	2.67E-06	8.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-09	7.34E-08	1.44E-09	0.00E+00
70	1650	-890	7440382	Arsenic	3.40E-06	1.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	9.34E-08	1.83E-09	0.00E+00
71	1430	215	7440382	Arsenic	2.49E-06	7.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-09	6.84E-08	1.34E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.01E-06	3.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-09	2.78E-08	5.45E-10	0.00E+00
73	-333	-788	7440382	Arsenic	8.56E-06	2.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	2.35E-07	4.62E-09	0.00E+00
74	-42	-825	7440382	Arsenic	8.32E-06	2.59E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	2.29E-07	4.49E-09	0.00E+00
75	1900	-1175	7440382	Arsenic	1.88E-06	5.86E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-09	5.17E-08	1.01E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	9.59E-07	2.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-09	2.64E-08	5.17E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	5.12E-07	1.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	1.41E-08	2.76E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	6.95E-07	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-09	1.91E-08	3.75E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	5.54E-07	1.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	1.52E-08	2.99E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	8.66E-07	2.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	2.38E-08	4.67E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.87E-07	5.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-10	5.14E-09	1.01E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.42E-07	2.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	1.76E-08	3.46E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.01E-07	1.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-09	1.38E-08	2.70E-10	0.00E+00
84	1577	291	7440382	Arsenic	7.71E-07	2.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	2.12E-08	4.16E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.91E-07	9.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-10	8.00E-09	1.57E-10	0.00E+00
86	2600	1290	7440382	Arsenic	2.07E-07	6.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-10	5.69E-09	1.12E-10	0.00E+00
87	900	935	7440382	Arsenic	1.10E-06	3.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-09	3.02E-08	5.94E-10	0.00E+00
88	1375	1395	7440382	Arsenic	4.72E-07	1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	1.30E-08	2.55E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.41E-06	5.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.34E-06	5.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	1.14E-06	4.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-09	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	8.89E-07	3.53E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	6.62E-07	2.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	8.15E-07	3.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-09	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	1.05E-06	4.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	3.72E-06	1.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	6.87E-06	2.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.92E-06	1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	3.06E-06	1.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.45E-06	9.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-09	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	2.14E-06	8.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-09	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.78E-06	7.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.67E-06	6.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-09	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.51E-06	5.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-09	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.36E-06	5.39E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-09	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-02 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.26E-06	5.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-09	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	8.94E-07	3.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	9.15E-07	3.63E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-09	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	1.07E-06	4.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-09	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	2.06E-06	8.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-09	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	6.50E-06	2.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	1.16E-05	4.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-08	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.68E-05	6.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	2.33E-05	9.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-08	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	3.36E-05	1.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	3.54E-05	1.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.80E-05	1.51E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.53E-05	1.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	2.20E-06	8.72E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-09	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	2.02E-06	8.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-09	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.42E-06	5.63E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-09	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	1.73E-06	6.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-09	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	6.16E-06	2.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	1.09E-06	4.32E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-09	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	9.46E-07	3.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-09	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	3.45E-06	1.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	3.77E-05	1.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	8.85E-06	3.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.08E-07	8.25E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-10	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.52E-07	6.03E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-10	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.55E-07	1.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	2.70E-07	1.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	5.57E-07	2.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	7.28E-07	2.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-09	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	8.52E-07	3.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	6.53E-07	2.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	5.28E-07	2.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.41E-07	1.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.50E-07	1.39E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	2.60E-07	1.03E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	1.65E-06	6.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-09	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	3.16E-07	1.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	6.68E-07	2.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	9.11E-06	3.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	1.31E-06	5.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-09	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	1.27E-06	5.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-09	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	3.10E-06	1.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.35E-05	9.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-08	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	2.26E-06	8.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.95E-06	7.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-09	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	5.21E-07	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.19E-07	1.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.90E-07	7.53E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.53E-10	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	9.83E-07	3.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.43E-07	9.64E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-10	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.91E-06	1.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	7.81E-07	3.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-09	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.89E-06	7.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-09	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	6.61E-07	2.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	9.11E-07	3.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-09	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.39E-05	5.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.33E-05	5.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-08	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.74E-06	6.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.90E-09	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.24E-06	4.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	6.94E-07	2.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	9.18E-07	3.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	7.36E-07	2.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-09	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	1.01E-06	4.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.28E-07	9.04E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-10	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	6.47E-07	2.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	4.40E-07	1.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	5.57E-07	2.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.07E-07	1.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.61E-07	1.03E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	1.07E-06	4.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-09	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	6.24E-07	2.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-2.84E-07	-4.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-08	-2.60E-09	-1.70E-11	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	8.07E-09	1.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	7.39E-11	4.84E-13	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	7.77E-07	1.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	7.12E-09	4.66E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	7.00E-07	1.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-08	6.41E-09	4.20E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	3.89E-07	5.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-08	3.56E-09	2.33E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	3.01E-07	4.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-08	2.76E-09	1.80E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	1.72E-07	2.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	1.58E-09	1.03E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	7.72E-07	1.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	7.07E-09	4.63E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	3.26E-06	4.70E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-07	2.99E-08	1.95E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.52E-06	3.63E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	2.31E-08	1.51E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.93E-06	2.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-07	1.77E-08	1.16E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.95E-06	2.81E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	1.79E-08	1.17E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	2.89E-06	4.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-07	2.65E-08	1.73E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	6.29E-06	9.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-07	5.76E-08	3.77E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	4.72E-06	6.80E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-07	4.32E-08	2.83E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	4.31E-06	6.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-07	3.95E-08	2.58E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	4.68E-06	6.74E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-07	4.29E-08	2.81E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	4.79E-06	6.90E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.46E-07	4.39E-08	2.87E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	1.26E-05	1.81E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	1.15E-07	7.55E-10	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	7.73E-06	1.11E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-06	7.08E-08	4.63E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.03E-05	1.48E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	9.43E-08	6.18E-10	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.00E-05	1.44E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-06	9.16E-08	6.00E-10	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	2.96E-05	4.26E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-06	2.71E-07	1.77E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.90E-05	2.74E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-06	1.74E-07	1.14E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	2.09E-05	3.01E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-06	1.91E-07	1.25E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.49E-05	3.59E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-06	2.28E-07	1.49E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.97E-05	4.28E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-06	2.72E-07	1.78E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-1.65E-06	-2.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-07	-1.51E-08	-9.89E-11	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	1.36E-05	1.96E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-06	1.25E-07	8.15E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	4.10E-06	5.91E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-07	3.76E-08	2.46E-10	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	1.93E-06	2.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-07	1.77E-08	1.16E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-3.26E-06	-4.70E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-07	-2.99E-08	-1.95E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	8.31E-07	1.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	7.61E-09	4.98E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	1.05E-07	1.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	9.62E-10	6.29E-12	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	2.14E-06	3.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	1.96E-08	1.28E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	9.64E-06	1.39E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	8.83E-08	5.78E-10	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	1.31E-05	1.89E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	1.20E-07	7.85E-10	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.04E-05	1.50E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-06	9.53E-08	6.24E-10	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	1.56E-05	2.25E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-06	1.43E-07	9.35E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-3.51E-06	-5.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-07	-3.21E-08	-2.10E-10	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.34E-07	1.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	1.23E-09	8.03E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	9.78E-08	1.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	8.96E-10	5.86E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.43E-07	2.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	1.31E-09	8.57E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.90E-07	2.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	1.74E-09	1.14E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.92E-07	4.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-08	2.67E-09	1.75E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.96E-07	5.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-08	3.63E-09	2.37E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	4.39E-07	6.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-08	4.02E-09	2.63E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.73E-07	5.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-08	3.42E-09	2.24E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.31E-07	4.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-08	3.03E-09	1.98E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.82E-07	2.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-08	1.67E-09	1.09E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.98E-07	2.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	1.81E-09	1.19E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.53E-07	2.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	1.40E-09	9.17E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	1.23E-07	1.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	1.13E-09	7.37E-12	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.99E-07	2.87E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	1.82E-09	1.19E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.04E-07	5.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-08	3.70E-09	2.42E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.08E-05	1.56E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-06	9.89E-08	6.47E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	5.46E-06	7.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-07	5.00E-08	3.27E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	2.91E-06	4.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-07	2.67E-08	1.74E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-3.28E-06	-4.72E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-07	-3.00E-08	-1.97E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	3.00E-06	4.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-07	2.75E-08	1.80E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	1.49E-05	2.15E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-06	1.36E-07	8.93E-10	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	6.50E-06	9.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-07	5.95E-08	3.90E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.16E-06	1.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	1.06E-08	6.95E-11	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	1.19E-06	1.71E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	1.09E-08	7.13E-11	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	3.62E-07	5.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-08	3.32E-09	2.17E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	7.52E-07	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	6.89E-09	4.51E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	6.11E-07	8.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	5.60E-09	3.66E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	7.35E-06	1.06E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-07	6.73E-08	4.41E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	1.97E-05	2.84E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-06	1.80E-07	1.18E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	2.06E-05	2.97E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-06	1.89E-07	1.24E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	1.87E-05	2.69E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	1.71E-07	1.12E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	4.22E-06	6.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	3.87E-08	2.53E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	4.79E-06	6.90E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.46E-07	4.39E-08	2.87E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	5.93E-06	8.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-07	5.43E-08	3.56E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	7.87E-06	1.13E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-06	7.21E-08	4.72E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	2.26E-06	3.26E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-07	2.07E-08	1.35E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.03E-06	1.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	9.43E-09	6.18E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.53E-06	2.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-07	1.40E-08	9.17E-11	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.20E-06	1.73E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	1.10E-08	7.19E-11	0.00E+00
256	2667	-1400	18540299	Cr(VI)	2.62E-06	3.77E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-07	2.40E-08	1.57E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	4.94E-07	7.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	4.52E-09	2.96E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	2.46E-06	3.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-07	2.25E-08	1.47E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	2.23E-06	3.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-07	2.04E-08	1.34E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	3.99E-06	5.75E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-07	3.65E-08	2.39E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.00E-06	1.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	9.16E-09	6.00E-11	0.00E+00
262	2600	1290	18540299	Cr(VI)	5.14E-07	7.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-08	4.71E-09	3.08E-11	0.00E+00
263	900	935	18540299	Cr(VI)	3.51E-06	5.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	3.21E-08	2.10E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	9.81E-07	1.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	8.98E-09	5.88E-11	0.00E+00
265	-1710.89	-383.91	7439921	Lead	2.50E-05	4.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-10	3.89E-09	3.82E-11	1.04E-10
266	-1778.03	-291.29	7439921	Lead	2.39E-05	4.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-10	3.72E-09	3.65E-11	9.93E-11
267	-1732.28	175.05	7439921	Lead	2.10E-05	3.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	3.27E-09	3.21E-11	8.72E-11
268	-1579.43	347.93	7439921	Lead	1.66E-05	2.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	2.58E-09	2.54E-11	6.90E-11
269	-1525.43	516.64	7439921	Lead	1.23E-05	2.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	1.92E-09	1.88E-11	5.11E-11
270	-1332.88	500.04	7439921	Lead	1.54E-05	2.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-10	2.40E-09	2.35E-11	6.40E-11
271	-1140.45	476.3	7439921	Lead	2.04E-05	3.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-10	3.18E-09	3.12E-11	8.47E-11
272	-672.12	353.55	7439921	Lead	6.80E-05	1.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-10	1.06E-08	1.04E-10	2.82E-10
273	-169.37	170.38	7439921	Lead	1.26E-04	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	1.96E-08	1.93E-10	5.23E-10
274	-75.04	299.11	7439921	Lead	9.06E-05	1.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	1.41E-08	1.39E-10	3.76E-10
275	49.15	527.2	7439921	Lead	5.68E-05	9.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-10	8.84E-09	8.68E-11	2.36E-10
276	144.22	648.15	7439921	Lead	4.59E-05	7.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-10	7.15E-09	7.02E-11	1.91E-10
277	394.15	623.31	7439921	Lead	4.17E-05	7.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-10	6.49E-09	6.37E-11	1.73E-10
278	501.62	717.12	7439921	Lead	3.85E-05	6.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-10	5.99E-09	5.89E-11	1.60E-10
279	618.47	665.12	7439921	Lead	3.49E-05	6.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-10	5.43E-09	5.34E-11	1.45E-10
280	755.45	579.13	7439921	Lead	3.17E-05	5.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-10	4.94E-09	4.85E-11	1.32E-10
281	867.79	485.41	7439921	Lead	2.95E-05	5.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-10	4.59E-09	4.51E-11	1.23E-10
282	955.03	377.6	7439921	Lead	0.0000279	4.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-10	4.34E-09	4.27E-11	1.16E-10
283	1331.68	-165.58	7439921	Lead	0.0000291	5.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-10	4.53E-09	4.45E-11	1.21E-10
284	1406.74	-290.13	7439921	Lead	0.0000255	4.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-10	3.97E-09	3.90E-11	1.06E-10
285	1456.2	-436.06	7439921	Lead	0.0000315	5.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	4.90E-09	4.82E-11	1.31E-10
286	1209.21	-528.32	7439921	Lead	0.0000509	8.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-10	7.93E-09	7.78E-11	2.11E-10
287	913.01	-694.67	7439921	Lead	0.000147	2.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-09	2.29E-08	2.25E-10	6.11E-10
288	717.24	-664.22	7439921	Lead	0.000227	3.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-09	3.53E-08	3.47E-10	9.43E-10
289	544.23	-594.35	7439921	Lead	0.00032	5.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-09	4.98E-08	4.89E-10	1.33E-09
290	338.12	-539.73	7439921	Lead	0.000438	7.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-09	6.82E-08	6.70E-10	1.82E-09
291	123.44	-529.45	7439921	Lead	0.000624	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-09	9.72E-08	9.54E-10	2.59E-09
292	-353.26	-515.05	7439921	Lead	0.000624	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-09	9.72E-08	9.54E-10	2.59E-09
293	-537.68	-487.8	7439921	Lead	0.000685	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.61E-09	1.07E-07	1.05E-09	2.85E-09
294	-775.51	-486.07	7439921	Lead	0.000629	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-09	9.79E-08	9.62E-10	2.61E-09
295	-1414.44	-481.5	7439921	Lead	0.0000414	7.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-10	6.45E-09	6.33E-11	1.72E-10
296	-1515.21	-320.18	7439921	Lead	3.32E-05	5.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-10	5.17E-09	5.08E-11	1.38E-10
297	-1749.69	-63.9	7439921	Lead	2.59E-05	4.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-10	4.03E-09	3.96E-11	1.08E-10
298	-920.57	426.17	7439921	Lead	3.23E-05	5.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-10	5.03E-09	4.94E-11	1.34E-10
299	-420.73	233.87	7439921	Lead	1.13E-04	1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	1.76E-08	1.73E-10	4.69E-10
300	1090.12	214.1	7439921	Lead	2.92E-05	5.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	4.55E-09	4.46E-11	1.21E-10
301	1183.39	65.17	7439921	Lead	3.02E-05	5.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-10	4.70E-09	4.62E-11	1.25E-10
302	1055.3	-577.42	7439921	Lead	7.56E-05	1.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-10	1.18E-08	1.16E-10	3.14E-10
303	-103.02	-518.78	7439921	Lead	6.81E-04	1.17E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-09	1.06E-07	1.04E-09	2.83E-09
304	-1076.39	-488.67	7439921	Lead	0.000154	2.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	2.40E-08	2.35E-10	6.40E-10
305	-4113.79	-1330.97	7439921	Lead	0.00000385	6.64E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-11	5.99E-10	5.89E-12	1.60E-11
306	-5050.04	-958.41	7439921	Lead	0.0000028	4.83E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-11	4.36E-10	4.28E-12	1.16E-11
307	-4023.97	-112.26	7439921	Lead	4.69E-06	8.09E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-11	7.30E-10	7.17E-12	1.95E-11
308	-2122.34	995.23	7439921	Lead	5.04E-06	8.69E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-11	7.85E-10	7.71E-12	2.09E-11
309	-2734.69	227.4	7439921	Lead	1.02E-05	1.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	1.59E-09	1.56E-11	4.24E-11
310	-2371.11	-69.21	7439921	Lead	1.34E-05	2.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-10	2.09E-09	2.05E-11	5.57E-11
311	-2146.26	177.17	7439921	Lead	1.56E-05	2.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	2.43E-09	2.38E-11	6.48E-11
312	-1919.02	445.07	7439921	Lead	1.21E-05	2.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	1.88E-09	1.85E-11	5.03E-11
313	-1651.12	607.72	7439921	Lead	9.84E-06	1.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	1.53E-09	1.50E-11	4.09E-11
314	-3361.39	677.09	7439921	Lead	6.26E-06	1.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-11	9.75E-10	9.57E-12	2.60E-11
315	-3026.51	724.93	7439921	Lead	6.44E-06	1.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-11	1.00E-09	9.85E-12	2.68E-11

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-06	8.38E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.40E-11	7.57E-10	7.43E-12	2.02E-11
317	-922.86	446.42	7439921	Lead	3.08E-05	5.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-10	4.80E-09	4.71E-11	1.28E-10
318	-1799.42	1088.51	7439921	Lead	5.88E-06	1.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-11	9.16E-10	8.99E-12	2.44E-11
319	-359.36	1846.44	7439921	Lead	1.25E-05	2.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-10	1.95E-09	1.91E-11	5.19E-11
320	671.3	-742.78	7439921	Lead	1.74E-04	3.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-09	2.71E-08	2.66E-10	7.23E-10
321	-1565.55	-932.22	7439921	Lead	2.87E-05	4.95E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	4.47E-09	4.39E-11	1.19E-10
322	-1733.02	-528.24	7439921	Lead	2.56E-05	4.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	3.99E-09	3.91E-11	1.06E-10
323	-1261.46	-507.67	7439921	Lead	5.22E-05	9.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-10	8.13E-09	7.98E-11	2.17E-10
324	-883.92	-503.26	7439921	Lead	0.000418	7.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-09	6.51E-08	6.39E-10	1.74E-09
325	1599.35	-1104.97	7439921	Lead	0.0000556	9.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-10	8.66E-09	8.50E-11	2.31E-10
326	1608.16	-1382.63	7439921	Lead	4.18E-05	7.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-10	6.51E-09	6.39E-11	1.74E-10
327	3517.15	-1425.27	7439921	Lead	1.08E-05	1.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-10	1.68E-09	1.65E-11	4.49E-11
328	2959.77	-846.37	7439921	Lead	9.09E-06	1.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-10	1.42E-09	1.39E-11	3.78E-11
329	3479.67	224.81	7439921	Lead	0.00000382	6.59E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-11	5.95E-10	5.84E-12	1.59E-11
330	44.43	1469.76	7439921	Lead	0.0000185	3.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-10	2.88E-09	2.83E-11	7.68E-11
331	3044.83	-34	7439921	Lead	5.08E-06	8.76E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-11	7.91E-10	7.77E-12	2.11E-11
332	1088	-938	7439921	Lead	7.81E-05	1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.67E-10	1.22E-08	1.19E-10	3.24E-10
333	1647	-390	7439921	Lead	3.42E-05	5.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-10	5.32E-09	5.23E-11	1.42E-10
334	1650	-890	7439921	Lead	5.50E-05	9.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-10	8.56E-09	8.41E-11	2.28E-10
335	1430	215	7439921	Lead	3.03E-05	5.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-10	4.72E-09	4.63E-11	1.26E-10
336	1142	615	7439921	Lead	0.0000209	3.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	3.25E-09	3.20E-11	8.68E-11
337	-333	-788	7439921	Lead	0.000252	4.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	3.92E-08	3.85E-10	1.05E-09
338	-42	-825	7439921	Lead	0.000242	4.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-09	3.77E-08	3.70E-10	1.01E-09
339	1900	-1175	7439921	Lead	0.0000394	6.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-10	6.13E-09	6.02E-11	1.64E-10
340	1815	-1910	7439921	Lead	0.0000246	4.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-10	3.83E-09	3.76E-11	1.02E-10
341	2575	-2650	7439921	Lead	0.0000136	2.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-10	2.12E-09	2.08E-11	5.65E-11
342	2665	-2025	7439921	Lead	0.0000182	3.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-10	2.83E-09	2.78E-11	7.56E-11
343	3480	-2025	7439921	Lead	0.0000146	2.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-10	2.27E-09	2.23E-11	6.06E-11
344	2667	-1400	7439921	Lead	0.000021	3.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	3.27E-09	3.21E-11	8.72E-11
345	3400	-250	7439921	Lead	0.0000047	8.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-11	7.32E-10	7.19E-12	1.95E-11
346	2577	-940	7439921	Lead	0.0000146	2.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-10	2.27E-09	2.23E-11	6.06E-11
347	2404	-475	7439921	Lead	0.0000105	1.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	1.63E-09	1.61E-11	4.36E-11
348	1577	291	7439921	Lead	0.0000142	2.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	2.21E-09	2.17E-11	5.90E-11
349	2400	240	7439921	Lead	0.00000661	1.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-11	1.03E-09	1.01E-11	2.75E-11
350	2600	1290	7439921	Lead	0.00000527	9.09E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-11	8.21E-10	8.06E-12	2.19E-11
351	900	935	7439921	Lead	0.0000236	4.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-10	3.67E-09	3.61E-11	9.80E-11
352	1375	1395	7439921	Lead	0.0000123	2.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	1.92E-09	1.88E-11	5.11E-11
353	-1710.89	-383.91	7440020	Nickel	-0.00000802	-1.93E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.00000344	-8.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.28E-10	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.00000859	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.00000828	1.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000349	8.40E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.000000682	1.64E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000441	-1.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000033	-7.94E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.94E-10	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000232	5.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000193	4.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000166	3.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000187	4.50E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000301	7.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.0000793	1.91E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000581	1.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000053	1.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000589	1.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000609	1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000171	4.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000102	2.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000136	3.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000125	3.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000387	9.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.31E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000226	5.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000239	5.75E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000277	6.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000321	7.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000125	-3.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000814	1.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.0000429	-1.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000198	4.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0000516	-1.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.00000941	2.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000767	-1.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000903	2.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000131	3.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	1.79E-04	4.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000127	3.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.000112	2.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.0000735	-1.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.0000012	2.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000876	2.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.0000012	2.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000174	4.19E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000234	5.63E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000328	7.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000346	8.32E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000298	7.17E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000304	7.31E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000146	3.51E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000164	3.95E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000119	2.86E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000694	-1.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000173	4.16E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000322	7.75E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000122	2.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.0000719	1.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000362	8.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.0000544	-1.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.0000242	-5.82E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.82E-09	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000198	4.76E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.0000831	2.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000138	3.32E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000144	3.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000422	1.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000691	1.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.00000739	1.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000088	2.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000269	6.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000277	6.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000258	6.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000545	1.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000266	6.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000444	1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000103	2.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000269	6.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000118	2.84E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000178	4.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000139	3.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000323	7.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000582	1.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000309	7.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.43E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000286	6.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000053	1.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000125	3.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000613	1.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000403	9.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.69E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000111	2.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0165	4.80E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0176	5.12E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0253	7.36E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0261	7.59E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.59E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0105	3.05E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.00512	1.49E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.00699	-2.03E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	0.00117	3.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0603	1.75E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0404	1.17E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.021	6.11E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.0149	4.33E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.012	-3.49E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.00192	-5.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.58E-07	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	0.00138	4.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	0.00504	1.47E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00686	1.99E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.00744	2.16E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0123	3.58E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.00787	2.29E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.00616	1.79E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.014	4.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0396	1.15E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.087	2.53E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.127	3.69E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.189	5.50E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.323	9.39E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.39E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.275	8.00E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.26	7.56E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.219	6.37E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.00781	2.27E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0203	5.90E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0352	1.02E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0139	-4.04E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.0331	9.62E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.62E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.00768	2.23E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0121	3.52E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0233	6.78E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.351	1.02E-04	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0418	1.22E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.0013	3.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.00102	2.97E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.00182	5.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00212	6.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.0037	1.08E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00524	1.52E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.006	1.74E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00497	1.45E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00729	2.12E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.00218	6.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.0023	6.69E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00168	4.89E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0124	-3.61E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00246	7.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00361	1.05E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0722	2.10E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00666	1.94E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00993	2.89E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.00583	1.70E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.145	4.22E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0127	3.69E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0121	3.52E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00331	9.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.62E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00262	7.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.00108	3.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00554	1.61E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.00127	3.69E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0283	8.23E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.23E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00121	3.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-07	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00768	2.23E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.000171	-4.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-08	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.00643	1.87E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.111	3.23E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.114	3.31E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0105	3.05E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00864	2.51E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.0047	1.37E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.0059	1.72E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00434	1.26E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00619	1.80E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.00118	3.43E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.0043	1.25E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00218	6.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00292	8.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00166	4.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00183	5.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00543	1.58E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00401	1.17E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00055	8.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000527	8.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.000696	1.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.000773	1.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.000661	1.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.002	3.17E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00247	3.92E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00171	2.71E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00253	4.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00168	2.66E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00102	1.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.0008	1.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000518	8.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.22E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000754	1.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000327	5.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000477	7.57E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.000529	8.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.000632	1.00E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00134	2.13E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00221	3.51E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00376	5.96E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.00797	1.26E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00291	4.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00323	5.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00339	5.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00353	5.60E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00421	6.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00134	2.13E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.000977	1.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000279	4.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000235	3.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.000755	1.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.000652	1.03E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00167	2.65E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00198	3.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000154	2.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.000594	9.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.00622	9.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00203	3.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000193	3.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.0000477	7.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000299	4.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000442	7.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.0000954	1.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000105	1.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000151	2.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000219	3.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000262	4.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000329	5.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.0000645	1.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000076	1.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000178	2.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00163	2.59E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000163	2.59E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000327	5.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00305	4.84E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000328	5.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.0000937	1.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000426	6.76E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.000647	1.03E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00146	2.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00111	1.76E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.000571	9.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.06E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.000585	9.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.28E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.00011	1.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000411	6.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000164	2.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00265	4.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.000615	9.75E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.75E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00151	2.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000231	-3.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.0004	6.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00149	2.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00181	2.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00143	2.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.000791	1.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.000465	7.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.000662	1.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.000554	8.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.000917	1.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000176	2.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.000936	1.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.000534	8.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000413	6.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000187	2.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.00016	2.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000383	6.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000319	5.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00343	9.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00339	8.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00361	9.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.54E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00349	9.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00279	7.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.00633	1.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.00782	2.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00942	2.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0189	5.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.013	3.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00789	2.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00615	1.63E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00452	1.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	0.00235	6.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.00305	8.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.06E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00329	8.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00316	8.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00322	8.51E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.51E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00424	1.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.00667	1.76E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0107	2.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.023	6.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0152	4.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.026	6.87E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.87E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.034	8.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0449	1.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0713	1.88E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	1.28E-03	3.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	1.68E-04	4.44E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-1.95E-03	-5.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.15E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-8.11E-04	-2.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.06E-03	2.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	1.59E-03	4.20E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	3.83E-03	1.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	4.65E-03	1.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.000712	-1.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	6.72E-04	1.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	1.48E-02	3.91E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	3.27E-03	8.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00168	-4.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.44E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	1.04E-04	2.75E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.0000641	1.69E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.0000945	2.50E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000214	5.66E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000231	6.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000321	8.49E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.000496	1.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.000614	1.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.000783	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000145	3.83E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000172	4.55E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	4.13E-04	1.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00376	9.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.94E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	3.75E-04	9.91E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.000745	1.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.00692	1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000362	9.57E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000486	-1.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000375	-9.91E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.91E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000294	-7.77E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.77E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00282	7.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00226	5.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00136	3.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00139	3.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000249	6.58E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.000915	2.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000364	9.62E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.62E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.00615	1.63E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000208	5.50E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00227	6.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00185	-4.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00067	1.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00311	8.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.22E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00404	1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.0032	8.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00181	4.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00108	2.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00155	4.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.0013	3.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00215	5.68E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000403	1.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00221	5.84E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00119	3.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.000751	1.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000395	1.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000367	9.70E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.70E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.000722	1.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.000725	1.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00351	-9.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.28E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00187	-4.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.94E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000857	2.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.000968	2.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.000119	3.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.000445	1.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.000597	-1.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00215	-5.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.68E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00333	8.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.80E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	0.00151	3.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.000434	-1.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00154	-4.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0055	-1.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0111	-2.93E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.00715	-1.89E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.00508	-1.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.00489	-1.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.00436	-1.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0073	-1.93E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.00507	-1.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0074	-1.96E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00232	-6.13E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.13E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.026	-6.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.87E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0183	-4.84E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.84E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.019	-5.02E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0172	-4.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.55E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.00274	-7.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-08	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0251	-6.64E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.64E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0279	-7.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.38E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0332	-8.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.78E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0177	-4.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0101	-2.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.0000981	-2.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.59E-09	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-3.34E-03	-8.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.83E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-2.53E-03	-6.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-1.39E-02	-3.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-1.00E-02	-2.64E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-5.85E-03	-1.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-2.14E-02	-5.66E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-2.74E-02	-7.24E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-1.61E-04	-4.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-1.16E-04	-3.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-1.74E-04	-4.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.60E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-2.49E-04	-6.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-3.35E-04	-8.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.86E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-6.29E-04	-1.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-5.12E-04	-1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-3.71E-04	-9.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.81E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-2.98E-04	-7.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.88E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-1.65E-04	-4.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-1.82E-04	-4.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-2.90E-04	-7.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.67E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-3.11E-03	-8.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.22E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-2.97E-04	-7.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.85E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-7.29E-04	-1.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-7.14E-03	-1.89E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-5.64E-03	-1.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-9.13E-03	-2.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-1.81E-02	-4.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.78E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-2.37E-02	-6.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.27E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-9.71E-03	-2.57E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.57E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-6.06E-03	-1.60E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-5.49E-04	-1.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-6.42E-04	-1.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-2.63E-04	-6.95E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.95E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-1.19E-03	-3.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-4.77E-04	-1.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-4.44E-03	-1.17E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-1.66E-02	-4.39E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.39E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-1.82E-02	-4.81E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-1.64E-02	-4.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-3.96E-03	-1.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-6.95E-03	-1.84E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-5.06E-03	-1.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-4.08E-03	-1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-1.63E-03	-4.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-7.46E-04	-1.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.01E-03	-2.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-6.91E-04	-1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-1.26E-03	-3.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-3.83E-04	-1.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-1.15E-03	-3.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-1.49E-03	-3.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-3.35E-03	-8.86E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.86E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-8.09E-04	-2.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-3.27E-04	-8.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-2.78E-03	-7.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.35E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-7.14E-04	-1.89E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-1.26E-03	-2.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-7.56E-04	-1.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	4.55E-05	1.05E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	7.70E-05	1.77E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-1.41E-04	-3.24E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-3.15E-04	-7.24E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-7.36E-04	-1.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-1.20E-03	-2.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-4.46E-06	-1.03E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-11	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-2.32E-04	-5.34E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.34E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-5.52E-04	-1.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-7.95E-04	-1.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.0019	-4.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.37E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00346	-7.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.96E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00232	-5.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.34E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00172	-3.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00166	-3.82E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00151	-3.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00251	-5.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.77E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00202	-4.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.65E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00304	-6.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.99E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.0024	-5.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.00879	-2.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.00691	-1.59E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.00747	-1.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0074	-1.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.00416	-9.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.57E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.00796	-1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.00874	-2.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0101	-2.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.00536	-1.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.0032	-7.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.36E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000163	-3.75E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00133	-3.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.06E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00117	-2.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00421	-9.68E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.68E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00313	-7.20E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.20E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00298	-6.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.007	-1.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.00828	-1.90E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.0000585	-1.35E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000412	-9.48E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000062	-1.43E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.0000944	-2.17E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000123	-2.83E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000221	-5.08E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.0002	-4.60E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.60E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000165	-3.79E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000156	-3.59E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.59E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.0000635	-1.46E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000071	-1.63E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000123	-2.83E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.26E-03	-2.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.22E-04	-2.81E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-2.85E-04	-6.55E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.55E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-2.78E-03	-6.39E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.39E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00176	-4.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.05E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00276	-6.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.35E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.00553	-1.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.00734	-1.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00321	-7.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.38E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-2.04E-03	-4.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.69E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-2.78E-04	-6.39E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.39E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000309	-7.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000101	-2.32E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000443	-1.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000176	-4.05E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.05E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00187	-4.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.00511	-1.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.00576	-1.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.00488	-1.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00127	-2.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00244	-5.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.61E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00193	-4.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.44E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00151	-3.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00065	-1.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000318	-7.31E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.31E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000436	-1.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000319	-7.34E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.34E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-5.61E-04	-1.29E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-1.50E-04	-3.45E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.000532	-1.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.000554	-1.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00109	-2.51E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-2.80E-04	-6.44E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.44E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-1.30E-04	-2.99E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-9.15E-04	-2.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000279	-6.42E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.42E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00819	4.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00797	4.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00868	4.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00863	4.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00703	3.90E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0171	9.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.49E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0212	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0226	1.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0427	2.37E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0293	1.63E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0179	9.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.94E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.014	7.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.0103	5.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	0.00532	2.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.0071	3.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00783	4.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00767	4.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00803	4.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.19E-02	6.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0186	1.03E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0302	1.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.0641	3.56E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.80E-02	2.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0593	3.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	7.55E-02	4.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	9.71E-02	5.39E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.15	8.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.33E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.00699	3.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00408	2.26E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00147	-8.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.16E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000145	-8.05E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.05E-10	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00438	2.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00468	2.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0117	6.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.49E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0139	7.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000334	-1.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00324	1.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0441	2.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0124	6.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00145	-8.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.05E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000326	1.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000203	1.13E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000299	1.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	6.60E-04	3.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.000721	4.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00102	5.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00152	8.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.44E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00185	1.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00233	1.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	4.47E-04	2.48E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.000527	2.93E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00125	6.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0114	6.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00114	6.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00228	1.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0212	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00177	9.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000272	-1.51E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00119	6.606E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.606E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00217	1.2046E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2046E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0095	5.2737E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2737E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.00739	4.1024E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1024E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00405	2.2482E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2482E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00414	2.2982E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2982E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.000763	4.2356E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2356E-09	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00283	1.571E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.571E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00113	6.2729E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2729E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0186	1.0325E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0325E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00271	1.5044E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5044E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.00896	4.9739E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9739E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00336	-1.8652E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8652E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00246	1.3656E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3656E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.01	5.5512E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5512E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0125	6.939E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.939E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.00989	5.4902E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4902E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.00552	3.0643E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0643E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00327	1.8153E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8153E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.00466	2.5869E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5869E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00391	2.1705E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1705E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.00647	3.5916E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5916E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00123	6.828E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.828E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.00661	3.6694E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6694E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00369	2.0484E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0484E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00263	1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00126	6.9945E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9945E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00112	6.2174E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2174E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00247	1.3712E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3712E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00222	1.2324E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2324E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.000374	3.4603E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4603E-10	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.00036	3.3307E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3307E-10	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.000301	2.7849E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7849E-10	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.000231	2.1372E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1372E-10	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.000169	1.5636E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5636E-10	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.000201	1.8597E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8597E-10	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.000262	2.424E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.424E-10	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.000843	7.7995E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7995E-10	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.00197	1.8227E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8227E-09	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.0014	1.2953E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2953E-09	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.000865	8.003E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.003E-10	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.000689	6.3747E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3747E-10	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000591	5.468E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.468E-10	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.000488	4.515E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.515E-10	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.000453	4.1912E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1912E-10	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.000408	3.7748E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7748E-10	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.000361	3.34E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.000324	2.9977E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9977E-10	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.000226	2.091E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.091E-10	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.000232	2.1465E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1465E-10	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.000273	2.5258E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5258E-10	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.000518	4.7926E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7926E-10	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.00175	1.6191E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6191E-09	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.00324	2.9977E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9977E-09	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.00456	4.2189E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2189E-09	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.0063	5.8288E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8288E-09	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.01	9.252E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.252E-09	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0103	9.5296E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5296E-09	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.0104	9.6221E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6221E-09	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.0089	8.2343E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2343E-09	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.00056	5.1811E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1811E-10	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000537	4.9683E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9683E-10	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.000382	3.5343E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5343E-10	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.000427	3.9506E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9506E-10	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.00157	1.4526E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4526E-09	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000269	2.4888E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4888E-10	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.000241	2.2297E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2297E-10	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.00085	7.8642E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8642E-10	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0113	1.0455E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0455E-08	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.0024	2.2205E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2205E-09	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.0000522	4.8296E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8296E-11	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00004	3.7008E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7008E-11	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.0000703	6.5042E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5042E-11	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.0000703	6.5042E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5042E-11	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.000149	1.3786E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3786E-10	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0002	1.8504E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8504E-10	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.000227	2.1002E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1002E-10	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000173	1.6006E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6006E-10	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.000136	1.2583E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2583E-10	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00009	8.3268E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3268E-11	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.0000928	8.5859E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5859E-11	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.0000661	6.1156E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1156E-11	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.000409	3.7841E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7841E-10	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.0000758	7.0131E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0131E-11	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.000184	1.7024E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7024E-10	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.00254	2.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-09	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.000335	3.0994E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0994E-10	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.000326	3.0162E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0162E-10	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.000783	7.2444E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2444E-10	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.00613	5.6715E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6715E-09	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.000621	5.7455E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7455E-10	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.000538	4.9776E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9776E-10	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.000142	1.3138E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3138E-10	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.000109	1.0085E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0085E-10	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.0000467	4.3207E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3207E-11	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.000275	2.5443E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5443E-10	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.0000606	5.6067E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6067E-11	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.00108	9.9922E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9922E-10	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.0002	1.8504E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8504E-10	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.000509	4.7093E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7093E-10	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000171	1.5821E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5821E-10	0	0	0
1040	1142	615	75092	Methylene Chlor	0.000243	2.2482E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2482E-10	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.00404	3.7378E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7378E-09	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.00388	3.5898E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5898E-09	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.000479	4.4317E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4317E-10	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.00034	3.1457E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1457E-10	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000189	1.7486E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7486E-10	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.000252	2.3315E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3315E-10	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.000203	1.8782E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8782E-10	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.000278	2.5721E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5721E-10	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.0000569	5.2644E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2644E-11	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.000174	1.6099E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6099E-10	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.000112	1.0362E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0362E-10	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000145	1.3415E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3415E-10	0	0	0
1053	2400	240	75092	Methylene Chlor	0.0000775	7.1703E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1703E-11	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.0000689	6.3747E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3747E-11	0	0	0
1055	900	935	75092	Methylene Chlor	0.000293	2.7108E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7108E-10	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000169	1.5636E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5636E-10	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000191	-6.0588E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.0588E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.0000637	-2.0206E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0206E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000202	6.4077E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4077E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000235	7.4545E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4545E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000148	4.6948E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6948E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.000494	1.567E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.567E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.000516	1.6368E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6368E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.00014	4.441E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.441E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.000644	2.0429E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0429E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000363	1.1515E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1515E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000112	3.5528E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5528E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.00000976	-3.096E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.096E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000381	-1.2086E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2086E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00092	-2.9184E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9184E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.000543	-1.7225E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7225E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000336	-1.0658E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0658E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000304	-9.6433E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.6433E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000232	-7.3593E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3593E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000287	-9.104E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.104E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.0000978	3.1023E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1023E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000282	8.9454E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9454E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00167	5.2975E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2975E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00156	-4.9485E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9485E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00104	-3.299E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.299E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.0012	-3.8066E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8066E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00122	-3.87E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00034	-1.0785E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0785E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00172	-5.4561E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4561E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00204	-6.4711E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.4711E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00261	-8.2793E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.2793E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00136	-4.3141E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3141E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000628	-1.9921E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9921E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000148	4.6948E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6948E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000135	4.2824E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2824E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000268	8.5013E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5013E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00107	-3.3942E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3942E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.000658	-2.0873E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0873E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00103	3.2673E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2673E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00126	-3.9969E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9969E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00214	-6.7884E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.7884E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000155	-4.9168E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9168E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.0000022	-6.9787E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.9787E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000351	-1.1134E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1134E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000029	9.1992E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1992E-11	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000197	-6.2491E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.2491E-11	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000144	-4.5679E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5679E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.000011	3.4893E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4893E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000033	1.0468E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0468E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000551	1.7478E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7478E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000206	6.5346E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5346E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000343	1.088E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.088E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000195	6.1857E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1857E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000144	4.5679E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5679E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000152	4.8216E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8216E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000201	6.376E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.376E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000156	4.9485E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9485E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000372	-1.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.000706	-2.2395E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2395E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00134	-4.2507E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2507E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00176	-5.5829E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5829E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000423	-1.3418E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3418E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000216	-6.8518E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8518E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.0000934	2.9628E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9628E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.0000896	2.8422E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8422E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.00000534	1.6939E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6939E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000292	9.2626E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2626E-11	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000123	3.9017E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9017E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000281	8.9137E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9137E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00118	-3.7431E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7431E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00109	-3.4576E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4576E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00136	-4.3141E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3141E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.00022	-6.9787E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.9787E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.00021	-6.6615E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.6615E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000182	5.7733E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7733E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000188	5.9636E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9636E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.0000593	1.8811E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8811E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000052	1.6495E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6495E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.0000784	2.487E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.487E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.0000777	2.4647E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4647E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.00012	3.8066E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8066E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000118	3.7431E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7431E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000133	4.2189E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2189E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.00000925	2.9342E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9342E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000168	-5.3292E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.3292E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000197	-6.2491E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.2491E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000123	3.9017E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9017E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000131	-4.1555E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1555E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000192	6.0905E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0905E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00351	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00117	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00544	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.00586	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00197	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.0000165	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.00409	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0061	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00599	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00518	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00468	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:30:15 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00571	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00712	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0301	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0213	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0198	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0232	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0249	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.075	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0437	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0577	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0524	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.163	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0882	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0902	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.104	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.121	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.083	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00722	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.0446	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.00762	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0227	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.00692	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00739	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00117	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.06	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.079	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0521	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0251	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0354	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000376	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000268	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000337	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000563	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000617	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.000963	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.000966	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.000857	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00147	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000376	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000439	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00035	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.00677	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.000596	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.0008	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0469	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0308	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0148	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0235	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.026	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.0848	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0347	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00559	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.00581	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00157	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00201	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00284	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0358	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.116	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.119	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.112	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0222	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.00249	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0114	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0437	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0109	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00466	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.00718	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00553	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0134	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.0022	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0129	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.012	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0224	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0049	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00246	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.00968	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00394	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	3.97E-07	8.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	5.75E-09	8.39E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	6.32E-07	1.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-09	9.16E-09	1.34E-09	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	3.44E-07	7.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	4.99E-09	7.27E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	1.89E-07	3.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-10	2.74E-09	3.99E-10	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.18E-07	2.41E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-10	1.71E-09	2.49E-10	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	9.65E-08	1.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-10	1.40E-09	2.04E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	1.11E-07	2.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	1.61E-09	2.35E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	2.26E-07	4.61E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-10	3.28E-09	4.77E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	2.28E-07	4.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	3.30E-09	4.82E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	2.28E-07	4.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	3.30E-09	4.82E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.55E-07	5.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-10	3.70E-09	5.39E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.13E-07	6.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	4.54E-09	6.61E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	6.47E-07	1.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	9.38E-09	1.37E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.46E-06	2.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-09	2.12E-08	3.08E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.08E-06	2.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-09	1.57E-08	2.28E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	9.72E-07	1.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-09	1.41E-08	2.05E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.05E-06	2.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-09	1.52E-08	2.22E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.07E-06	2.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-09	1.55E-08	2.26E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.90E-06	5.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	4.20E-08	6.13E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.75E-06	3.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-09	2.54E-08	3.70E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.36E-06	4.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-09	3.42E-08	4.99E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.15E-06	4.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-09	3.12E-08	4.54E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	6.60E-06	1.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	9.57E-08	1.39E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	3.66E-06	7.46E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-08	5.31E-08	7.73E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	3.77E-06	7.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	5.46E-08	7.97E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.20E-06	8.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	6.09E-08	8.87E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	4.32E-06	8.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	6.26E-08	9.13E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-2.85E-06	-5.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	-4.13E-08	-6.02E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	8.12E-07	1.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-09	1.18E-08	1.72E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-9.33E-07	-1.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-09	-1.35E-08	-1.97E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	6.81E-07	1.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-09	9.87E-09	1.44E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	3.50E-07	7.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	5.07E-09	7.39E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	1.42E-06	2.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-09	2.06E-08	3.00E-09	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.88E-07	3.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-10	2.73E-09	3.97E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	2.16E-07	4.40E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-10	3.13E-09	4.56E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.13E-06	4.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.06E-09	3.09E-08	4.50E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.01E-06	6.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	4.36E-08	6.36E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.16E-06	4.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-09	3.13E-08	4.56E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	7.39E-07	1.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	1.07E-08	1.56E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-9.90E-07	-2.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-09	-1.44E-08	-2.09E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	2.80E-08	5.71E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	4.06E-10	5.92E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.91E-08	3.89E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-11	2.77E-10	4.04E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	2.37E-08	4.83E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.97E-11	3.44E-10	5.01E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	4.07E-08	8.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	5.90E-10	8.60E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	5.73E-08	1.17E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-10	8.31E-10	1.21E-10	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	8.30E-08	1.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-10	1.20E-09	1.75E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	1.04E-07	2.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-10	1.51E-09	2.20E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	8.31E-08	1.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-10	1.20E-09	1.76E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	9.06E-08	1.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-10	1.31E-09	1.91E-10	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	3.42E-08	6.97E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	4.96E-10	7.23E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	3.62E-08	7.38E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	5.25E-10	7.65E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	2.91E-08	5.93E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	4.22E-10	6.15E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	1.74E-07	3.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-10	2.52E-09	3.68E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	5.13E-08	1.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-10	7.44E-10	1.08E-10	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	6.58E-08	1.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-10	9.54E-10	1.39E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.87E-06	3.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-09	2.71E-08	3.95E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.33E-06	2.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-09	1.93E-08	2.81E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	8.86E-07	1.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-09	1.28E-08	1.87E-09	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-6.51E-07	-1.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-09	-9.44E-09	-1.38E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-4.36E-07	-8.89E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-09	-6.32E-09	-9.21E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.38E-06	6.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	4.90E-08	7.14E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.42E-06	2.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-09	2.06E-08	3.00E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.38E-07	4.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-10	3.45E-09	5.03E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.55E-07	5.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-10	3.70E-09	5.39E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.17E-08	1.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-10	1.18E-09	1.73E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.27E-07	2.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-10	1.84E-09	2.68E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.39E-07	2.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-10	2.01E-09	2.94E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.44E-06	2.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-09	2.09E-08	3.04E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.67E-06	9.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	6.77E-08	9.87E-09	0.00E+00
70	1650	-890	7440382	Arsenic	4.79E-06	9.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	6.94E-08	1.01E-08	0.00E+00
71	1430	215	7440382	Arsenic	4.44E-06	9.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-08	6.44E-08	9.38E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.62E-07	1.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	1.39E-08	2.03E-09	0.00E+00
73	-333	-788	7440382	Arsenic	1.42E-07	2.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-10	2.06E-09	3.00E-10	0.00E+00
74	-42	-825	7440382	Arsenic	4.11E-07	8.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	5.96E-09	8.68E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.74E-06	3.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-09	2.52E-08	3.68E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	4.51E-07	9.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	6.54E-09	9.53E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.99E-07	4.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.53E-10	2.88E-09	4.20E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.00E-07	6.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	4.35E-09	6.34E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.33E-07	4.75E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-10	3.38E-09	4.92E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.46E-07	1.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	7.91E-09	1.15E-09	0.00E+00
81	3400	-250	7440382	Arsenic	1.10E-07	2.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-10	1.59E-09	2.32E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.34E-07	1.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	7.74E-09	1.13E-09	0.00E+00
83	2404	-475	7440382	Arsenic	5.04E-07	1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	7.31E-09	1.06E-09	0.00E+00
84	1577	291	7440382	Arsenic	9.28E-07	1.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	1.35E-08	1.96E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.31E-07	4.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-10	3.35E-09	4.88E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.06E-07	2.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-10	1.54E-09	2.24E-10	0.00E+00
87	900	935	7440382	Arsenic	9.45E-07	1.93E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-09	1.37E-08	2.00E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.01E-07	4.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.61E-10	2.91E-09	4.25E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.01E-06	4.78E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.28E-06	6.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	5.38E-07	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	3.02E-07	1.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	1.90E-07	8.99E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	2.03E-07	9.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	2.81E-07	1.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	5.62E-07	2.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-09	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	1.87E-07	8.84E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-10	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	1.45E-07	6.86E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	1.10E-07	5.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	9.30E-08	4.40E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	6.72E-08	3.18E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	6.00E-08	2.84E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	5.30E-08	2.51E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	4.85E-08	2.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	4.90E-08	2.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	5.42E-08	2.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	5.01E-08	2.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-10	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	5.13E-08	2.43E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-10	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	5.55E-08	2.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-10	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	8.47E-08	4.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	1.60E-07	7.57E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-10	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	2.13E-07	1.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	3.26E-07	1.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	4.61E-07	2.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	3.85E-07	1.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	8.52E-07	4.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	1.27E-06	6.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	1.79E-06	8.47E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	7.16E-07	3.39E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-09	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	2.20E-06	1.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	2.36E-06	1.12E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	4.53E-07	2.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	4.25E-07	2.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	5.63E-08	2.66E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-10	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	5.01E-08	2.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-10	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	1.26E-07	5.96E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	5.36E-07	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	1.17E-06	5.53E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.44E-08	1.15E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.53E-08	7.24E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.03E-08	9.60E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	3.35E-08	1.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	6.09E-08	2.88E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-10	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	9.02E-08	4.27E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-10	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	1.27E-07	6.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	9.23E-08	4.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-10	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	1.25E-07	5.91E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-10	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.39E-08	1.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-10	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.22E-08	1.52E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-10	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	3.08E-08	1.46E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	4.22E-07	2.00E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	5.80E-08	2.74E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-10	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	4.93E-08	2.33E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	2.03E-07	9.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-10	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	2.41E-07	1.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	4.93E-07	2.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-09	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	7.99E-07	3.78E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	1.47E-06	6.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	7.63E-08	3.61E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	7.91E-08	3.74E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	2.57E-08	1.22E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	2.73E-08	1.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.74E-08	8.23E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.23E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	5.34E-08	2.53E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-10	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.09E-08	9.89E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	1.19E-07	5.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	4.55E-08	2.15E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	6.46E-08	3.06E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	3.89E-08	1.84E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	3.57E-08	1.69E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	3.83E-07	1.81E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	3.25E-07	1.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	6.12E-08	2.89E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	5.89E-08	2.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	3.72E-08	1.76E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-10	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	4.64E-08	2.19E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-10	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	3.49E-08	1.65E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-10	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	4.04E-08	1.91E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	1.98E-08	9.36E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	3.25E-08	1.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	3.09E-08	1.46E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	3.45E-08	1.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	2.38E-08	1.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	1.39E-08	6.57E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	3.91E-08	1.85E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-10	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	2.84E-08	1.34E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.29E-06	-2.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-07	-6.23E-09	-3.03E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-5.27E-07	-8.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.47E-08	-2.55E-09	-1.24E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	9.91E-07	1.64E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	4.79E-09	2.33E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	9.33E-07	1.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	4.51E-09	2.19E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	4.01E-07	6.65E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.45E-08	1.94E-09	9.41E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	1.07E-07	1.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	5.17E-10	2.51E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-3.11E-07	-5.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-08	-1.50E-09	-7.30E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-9.11E-07	-1.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	-4.40E-09	-2.14E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.90E-06	3.15E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	9.18E-09	4.46E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.75E-06	2.90E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-07	8.46E-09	4.11E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.87E-06	3.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-07	9.04E-09	4.39E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.36E-06	3.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-07	1.14E-08	5.54E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	4.57E-06	7.58E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-07	2.21E-08	1.07E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.20E-05	1.99E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-06	5.80E-08	2.82E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	8.81E-06	1.46E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	4.26E-08	2.07E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	8.05E-06	1.34E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-06	3.89E-08	1.89E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.95E-06	1.48E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	4.32E-08	2.10E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	9.25E-06	1.53E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-06	4.47E-08	2.17E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.60E-05	4.31E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.18E-06	1.26E-07	6.10E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.57E-05	2.60E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	7.59E-08	3.69E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.11E-05	3.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-06	1.02E-07	4.95E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.98E-05	3.28E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-06	9.57E-08	4.65E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	5.80E-05	9.62E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.33E-06	2.80E-07	1.36E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.18E-05	5.27E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-06	1.54E-07	7.47E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.21E-05	5.32E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-06	1.55E-07	7.54E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	3.57E-05	5.92E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-06	1.72E-07	8.38E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	3.83E-05	6.35E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-06	1.85E-07	8.99E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-2.93E-05	-4.86E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-06	-1.42E-07	-6.88E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	1.24E-06	2.06E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	5.99E-09	2.91E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.68E-05	-2.79E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-06	-8.12E-08	-3.94E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	2.72E-06	4.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-07	1.31E-08	6.39E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-7.64E-06	-1.27E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	-3.69E-08	-1.79E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	1.53E-06	2.54E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	7.39E-09	3.59E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-8.98E-07	-1.49E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-07	-4.34E-09	-2.11E-10	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	1.38E-07	2.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-08	6.67E-10	3.24E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.97E-05	3.27E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-06	9.52E-08	4.62E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.71E-05	4.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-06	1.31E-07	6.36E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.96E-05	3.25E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-06	9.47E-08	4.60E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	5.44E-06	9.02E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.75E-07	2.63E-08	1.28E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.36E-05	-2.26E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-06	-6.57E-08	-3.19E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.39E-07	2.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	6.72E-10	3.26E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.01E-07	1.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	4.88E-10	2.37E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.22E-07	2.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	5.89E-10	2.86E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.16E-07	3.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-08	1.04E-09	5.07E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.29E-07	3.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-08	1.11E-09	5.38E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.34E-07	5.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-08	1.61E-09	7.84E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.47E-07	5.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-08	1.68E-09	8.15E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.41E-07	5.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-08	1.65E-09	8.01E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.54E-07	5.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-08	1.71E-09	8.31E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.46E-07	2.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	7.05E-10	3.43E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.74E-07	2.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-08	8.41E-10	4.08E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.43E-07	2.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-08	6.91E-10	3.36E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-8.11E-07	-1.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	-3.92E-09	-1.90E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.10E-07	3.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-08	1.01E-09	4.93E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	3.80E-07	6.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-08	1.84E-09	8.92E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.63E-05	2.70E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-06	7.88E-08	3.83E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.07E-05	1.77E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	5.17E-08	2.51E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	5.41E-06	8.97E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-07	2.61E-08	1.27E-09	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-8.96E-06	-1.49E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-06	-4.33E-08	-2.10E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.05E-05	-1.74E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-06	-5.07E-08	-2.46E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.99E-05	4.96E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-06	1.44E-07	7.02E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.24E-05	2.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-06	5.99E-08	2.91E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.09E-06	3.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-07	1.01E-08	4.91E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.23E-06	3.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-07	1.08E-08	5.23E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.34E-07	1.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	3.06E-09	1.49E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	8.86E-07	1.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	4.28E-09	2.08E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.12E-06	1.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	5.41E-09	2.63E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.28E-05	2.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-06	6.18E-08	3.00E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	4.12E-05	6.83E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-06	1.99E-07	9.67E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	4.23E-05	7.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-06	2.04E-07	9.93E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.92E-05	6.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-06	1.89E-07	9.20E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	8.28E-06	1.37E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-06	4.00E-08	1.94E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.68E-08	-2.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-09	-8.12E-11	-3.94E-12	0.00E+00
250	-42	-825	18540299	Cr(VI)	2.85E-06	4.73E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-07	1.38E-08	6.69E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.54E-05	2.55E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-06	7.44E-08	3.62E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.89E-06	6.45E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	1.88E-08	9.13E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.69E-06	2.80E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-07	8.17E-09	3.97E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.58E-06	4.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-07	1.25E-08	6.06E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.01E-06	3.33E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-07	9.71E-09	4.72E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.82E-06	8.00E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-07	2.33E-08	1.13E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.87E-07	1.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	4.29E-09	2.08E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.75E-06	7.88E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-07	2.30E-08	1.12E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.41E-06	7.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-07	2.13E-08	1.04E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	8.07E-06	1.34E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	3.90E-08	1.89E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.90E-06	3.15E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	9.18E-09	4.46E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	9.03E-07	1.50E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-07	4.36E-09	2.12E-10	0.00E+00
263	900	935	18540299	Cr(VI)	6.67E-06	1.11E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	3.22E-08	1.57E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.63E-06	2.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-07	7.88E-09	3.83E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	1.74E-05	1.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-10	1.43E-09	1.04E-10	7.23E-11
266	-1778.03	-291.29	7439921	Lead	2.26E-05	2.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-10	1.86E-09	1.35E-10	9.39E-11
267	-1732.28	175.05	7439921	Lead	1.07E-05	1.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	8.79E-10	6.41E-11	4.44E-11
268	-1579.43	347.93	7439921	Lead	6.64E-06	7.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-11	5.45E-10	3.97E-11	2.76E-11
269	-1525.43	516.64	7439921	Lead	4.34E-06	4.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-11	3.56E-10	2.60E-11	1.80E-11
270	-1332.88	500.04	7439921	Lead	5.27E-06	5.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-11	4.33E-10	3.15E-11	2.19E-11
271	-1140.45	476.3	7439921	Lead	8.40E-06	8.86E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-10	6.90E-10	5.03E-11	3.49E-11
272	-672.12	353.55	7439921	Lead	1.24E-05	1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	1.02E-09	7.42E-11	5.15E-11
273	-169.37	170.38	7439921	Lead	9.36E-06	9.88E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	7.69E-10	5.60E-11	3.89E-11
274	-75.04	299.11	7439921	Lead	6.98E-06	7.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-11	5.73E-10	4.18E-11	2.90E-11
275	49.15	527.2	7439921	Lead	5.59E-06	5.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-11	4.59E-10	3.35E-11	2.32E-11
276	144.22	648.15	7439921	Lead	5.56E-06	5.87E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-11	4.57E-10	3.33E-11	2.31E-11
277	394.15	623.31	7439921	Lead	8.11E-06	8.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	6.66E-10	4.85E-11	3.37E-11
278	501.62	717.12	7439921	Lead	1.48E-05	1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	1.22E-09	8.86E-11	6.15E-11
279	618.47	665.12	7439921	Lead	1.15E-05	1.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-10	9.45E-10	6.88E-11	4.78E-11
280	755.45	579.13	7439921	Lead	1.07E-05	1.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	8.79E-10	6.41E-11	4.44E-11
281	867.79	485.41	7439921	Lead	1.16E-05	1.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	9.53E-10	6.94E-11	4.82E-11
282	955.03	377.6	7439921	Lead	0.0000121	1.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-10	9.94E-10	7.24E-11	5.03E-11
283	1331.68	-165.58	7439921	Lead	0.0000286	3.02E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.79E-10	2.35E-09	1.71E-10	1.19E-10
284	1406.74	-290.13	7439921	Lead	0.0000202	2.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-10	1.66E-09	1.21E-10	8.39E-11
285	1456.2	-436.06	7439921	Lead	0.0000272	2.87E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-10	2.23E-09	1.63E-10	1.13E-10
286	1209.21	-528.32	7439921	Lead	0.0000308	3.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-10	2.53E-09	1.84E-10	1.28E-10
287	913.01	-694.67	7439921	Lead	0.0000659	6.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.73E-10	5.41E-09	3.94E-10	2.74E-10
288	717.24	-664.22	7439921	Lead	0.0000412	4.35E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-10	3.38E-09	2.47E-10	1.71E-10
289	544.23	-594.35	7439921	Lead	0.0000434	4.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-10	3.56E-09	2.60E-10	1.80E-10
290	338.12	-539.73	7439921	Lead	0.0000483	5.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-10	3.97E-09	2.89E-10	2.01E-10
291	123.44	-529.45	7439921	Lead	0.0000475	5.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-10	3.90E-09	2.84E-10	1.97E-10
292	-353.26	-515.05	7439921	Lead	-0.0000088	-9.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-10	-7.23E-10	-5.27E-11	-3.66E-11
293	-537.68	-487.8	7439921	Lead	0.0000272	2.87E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-10	2.23E-09	1.63E-10	1.13E-10
294	-775.51	-486.07	7439921	Lead	0.0000185	1.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-10	1.52E-09	1.11E-10	7.68E-11
295	-1414.44	-481.5	7439921	Lead	0.0000168	1.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	1.38E-09	1.01E-10	6.98E-11
296	-1515.21	-320.18	7439921	Lead	3.28E-05	3.46E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-10	2.69E-09	1.96E-10	1.36E-10
297	-1749.69	-63.9	7439921	Lead	4.31E-05	4.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-10	3.54E-09	2.58E-10	1.79E-10
298	-920.57	426.17	7439921	Lead	1.06E-05	1.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	8.71E-10	6.35E-11	4.40E-11
299	-420.73	233.87	7439921	Lead	1.16E-05	1.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	9.53E-10	6.94E-11	4.82E-11
300	1090.12	214.1	7439921	Lead	2.15E-05	2.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-10	1.77E-09	1.29E-10	8.93E-11
301	1183.39	65.17	7439921	Lead	2.90E-05	3.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-10	2.38E-09	1.74E-10	1.20E-10
302	1055.3	-577.42	7439921	Lead	3.09E-05	3.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-10	2.54E-09	1.85E-10	1.28E-10
303	-103.02	-518.78	7439921	Lead	1.84E-05	1.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	1.51E-09	1.10E-10	7.64E-11
304	-1076.39	-488.67	7439921	Lead	0.0000094	9.92E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	7.72E-10	5.63E-11	3.90E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000672	7.09E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-12	5.52E-11	4.02E-12	2.79E-12
306	-5050.04	-958.41	7439921	Lead	0.000000444	4.69E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-12	3.65E-11	2.66E-12	1.84E-12
307	-4023.97	-112.26	7439921	Lead	5.87E-07	6.19E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-12	4.82E-11	3.51E-12	2.44E-12
308	-2122.34	995.23	7439921	Lead	9.96E-07	1.05E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-11	8.18E-11	5.96E-12	4.14E-12
309	-2734.69	227.4	7439921	Lead	1.52E-06	1.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-11	1.25E-10	9.10E-12	6.31E-12
310	-2371.11	-69.21	7439921	Lead	2.22E-06	2.34E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-11	1.82E-10	1.33E-11	9.22E-12
311	-2146.26	177.17	7439921	Lead	2.97E-06	3.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-11	2.44E-10	1.78E-11	1.23E-11
312	-1919.02	445.07	7439921	Lead	2.45E-06	2.59E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-11	2.01E-10	1.47E-11	1.02E-11
313	-1651.12	607.72	7439921	Lead	2.96E-06	3.12E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-11	2.43E-10	1.77E-11	1.23E-11
314	-3361.39	677.09	7439921	Lead	8.86E-07	9.35E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-11	7.28E-11	5.30E-12	3.68E-12
315	-3026.51	724.93	7439921	Lead	9.03E-07	9.53E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-11	7.42E-11	5.41E-12	3.75E-12

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	9.48E-07	1.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	7.79E-11	5.67E-12	3.94E-12
317	-922.86	446.42	7439921	Lead	1.00E-05	1.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	8.21E-10	5.99E-11	4.15E-11
318	-1799.42	1088.51	7439921	Lead	1.46E-06	1.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-11	1.20E-10	8.74E-12	6.06E-12
319	-359.36	1846.44	7439921	Lead	1.81E-06	1.91E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-11	1.49E-10	1.08E-11	7.52E-12
320	671.3	-742.78	7439921	Lead	2.45E-05	2.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	2.01E-09	1.47E-10	1.02E-10
321	-1565.55	-932.22	7439921	Lead	1.54E-05	1.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-10	1.27E-09	9.22E-11	6.40E-11
322	-1733.02	-528.24	7439921	Lead	1.48E-05	1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	1.22E-09	8.86E-11	6.15E-11
323	-1261.46	-507.67	7439921	Lead	6.97E-06	7.36E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-11	5.73E-10	4.17E-11	2.90E-11
324	-883.92	-503.26	7439921	Lead	0.0000184	1.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	1.51E-09	1.10E-10	7.64E-11
325	1599.35	-1104.97	7439921	Lead	0.0000332	3.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	2.73E-09	1.99E-10	1.38E-10
326	1608.16	-1382.63	7439921	Lead	1.56E-05	1.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-10	1.28E-09	9.34E-11	6.48E-11
327	3517.15	-1425.27	7439921	Lead	3.51E-06	3.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-11	2.88E-10	2.10E-11	1.46E-11
328	2959.77	-846.37	7439921	Lead	3.78E-06	3.99E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	3.10E-10	2.26E-11	1.57E-11
329	3479.67	224.81	7439921	Lead	0.00000118	1.25E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-11	9.69E-11	7.06E-12	4.90E-12
330	44.43	1469.76	7439921	Lead	0.00000261	2.75E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-11	2.14E-10	1.56E-11	1.08E-11
331	3044.83	-34	7439921	Lead	1.86E-06	1.96E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-11	1.53E-10	1.11E-11	7.73E-12
332	1088	-938	7439921	Lead	1.87E-05	1.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-10	1.54E-09	1.12E-10	7.77E-11
333	1647	-390	7439921	Lead	4.36E-05	4.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-10	3.58E-09	2.61E-10	1.81E-10
334	1650	-890	7439921	Lead	4.59E-05	4.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-10	3.77E-09	2.75E-10	1.91E-10
335	1430	215	7439921	Lead	3.97E-05	4.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-10	3.26E-09	2.38E-10	1.65E-10
336	1142	615	7439921	Lead	0.0000102	1.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	8.38E-10	6.11E-11	4.24E-11
337	-333	-788	7439921	Lead	0.00000925	9.76E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-10	7.60E-10	5.54E-11	3.84E-11
338	-42	-825	7439921	Lead	0.0000111	1.17E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	9.12E-10	6.64E-11	4.61E-11
339	1900	-1175	7439921	Lead	0.0000184	1.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	1.51E-09	1.10E-10	7.64E-11
340	1815	-1910	7439921	Lead	0.00000618	6.52E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-11	5.08E-10	3.70E-11	2.57E-11
341	2575	-2650	7439921	Lead	0.0000031	3.27E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-11	2.55E-10	1.86E-11	1.29E-11
342	2665	-2025	7439921	Lead	0.00000442	4.66E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-11	3.63E-10	2.65E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000349	3.68E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-11	2.87E-10	2.09E-11	1.45E-11
344	2667	-1400	7439921	Lead	0.00000692	7.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.16E-11	5.68E-10	4.14E-11	2.87E-11
345	3400	-250	7439921	Lead	0.00000162	1.71E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-11	1.33E-10	9.70E-12	6.73E-12
346	2577	-940	7439921	Lead	0.00000688	7.26E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-11	5.65E-10	4.12E-11	2.86E-11
347	2404	-475	7439921	Lead	0.00000601	6.34E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-11	4.94E-10	3.60E-11	2.50E-11
348	1577	291	7439921	Lead	0.00000946	9.98E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	7.77E-10	5.66E-11	3.93E-11
349	2400	240	7439921	Lead	0.00000275	2.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-11	2.26E-10	1.65E-11	1.14E-11
350	2600	1290	7439921	Lead	0.00000145	1.53E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-11	1.19E-10	8.68E-12	6.02E-12
351	900	935	7439921	Lead	0.00000979	1.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-10	8.04E-10	5.86E-11	4.07E-11
352	1375	1395	7439921	Lead	0.00000285	3.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-11	2.34E-10	1.71E-11	1.18E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000212	-6.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.08E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000106	-3.04E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000143	4.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000143	4.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000486	1.39E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000174	-4.99E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000134	-3.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000222	-6.37E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.37E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000191	5.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000194	5.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.000022	6.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000289	8.29E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000545	1.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.00016	4.59E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000116	3.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000106	3.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000119	3.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000124	3.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000358	1.03E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000211	6.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000283	8.12E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000256	7.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000792	2.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000428	1.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000433	1.24E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000486	1.39E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000532	1.53E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000421	-1.21E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.00000725	2.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000244	-7.00E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.00E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000337	9.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.67E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000114	-3.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.27E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000186	5.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.000023	-6.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.60E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000714	-2.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000274	7.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.86E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.75E-04	1.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000253	7.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000718	2.06E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000193	-5.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000168	4.82E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000122	3.50E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000145	4.16E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000256	7.35E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000262	7.52E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000391	1.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000384	1.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000362	1.04E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000436	1.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000167	4.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000201	5.77E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000143	4.10E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000211	-6.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000239	6.86E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000398	1.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000218	6.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000147	4.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000722	2.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000127	-3.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000152	-4.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.00041	1.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000168	4.82E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000271	7.78E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000286	8.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.21E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000816	2.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000104	2.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000147	4.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.00017	4.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000568	1.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.00058	1.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000544	1.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000112	3.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.00000459	-1.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000359	1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.00021	6.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000516	1.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000022	6.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000339	9.73E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.73E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000262	7.52E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000642	1.84E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000114	3.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000627	1.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000588	1.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.00011	3.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000252	7.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000119	3.41E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000808	2.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000208	5.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0194	6.73E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.73E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0259	8.98E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0391	1.36E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0418	1.45E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0113	3.92E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.0025	-8.67E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.67E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0327	-1.13E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-05	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0549	-1.90E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00392	1.36E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00176	-6.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.10E-07	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.00958	-3.32E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0116	-4.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0623	-2.16E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0344	-1.19E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0252	-8.74E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.74E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0146	-5.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00798	-2.77E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00454	-1.57E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0107	3.71E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	-0.000018	-6.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.24E-09	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00711	-2.47E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00641	-2.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0172	-5.97E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.00948	-3.29E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00287	-9.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.95E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0248	8.60E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.60E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0808	2.80E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0569	-1.97E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.097	-3.36E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.36E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0943	-3.27E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.27E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0163	-5.65E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.65E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0278	9.64E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0725	2.51E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0589	-2.04E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.033	-1.14E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.000742	-2.57E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.57E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.01	3.47E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00582	-2.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.0482	1.67E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0695	-2.41E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000522	-1.81E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000376	-1.30E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000563	-1.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.000421	-1.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00101	-3.50E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.50E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.000966	-3.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.000485	-1.68E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.00032	-1.11E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.0064	2.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.00067	-2.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.000783	-2.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.000831	-2.88E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0545	-1.89E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.000126	4.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00393	-1.36E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0011	3.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.00817	-2.83E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00313	1.09E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0389	-1.35E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0798	-2.77E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.00866	-3.00E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00672	-2.33E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00218	-7.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.56E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00254	-8.81E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.81E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000739	-2.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00555	-1.93E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.0013	-4.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00346	-1.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0121	-4.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0146	-5.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0114	-3.95E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00167	-5.79E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.79E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0196	-6.80E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.80E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.000661	2.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.0051	-1.77E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.0035	-1.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.0022	-7.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00286	-9.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00227	-7.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00303	-1.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00127	-4.40E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00316	-1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00347	-1.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00316	-1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00153	-5.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.31E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000491	-1.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00667	-2.31E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00207	-7.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.18E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00103	1.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000982	1.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00137	2.59E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00155	2.93E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00133	2.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00417	7.89E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00514	9.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00329	6.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00461	8.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00303	5.73E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00185	3.50E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00144	2.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000879	1.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000218	-4.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000524	9.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000862	1.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.000987	1.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00122	2.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00274	5.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00458	8.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00786	1.49E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0167	3.16E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00557	1.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00569	1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00557	1.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00524	9.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00526	9.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.95E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00284	5.37E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00207	3.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000589	1.11E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000498	9.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.0016	3.03E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00138	2.61E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00354	6.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00419	7.93E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000326	6.17E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00126	2.38E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0132	2.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00431	8.15E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000409	7.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.74E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000101	1.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000633	1.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000937	1.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000202	3.82E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000223	4.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000321	6.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000464	8.78E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.78E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000556	1.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000698	1.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000137	2.59E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000161	3.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000377	7.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00346	6.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000345	6.53E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000694	1.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00647	1.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000695	1.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000199	3.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000903	1.71E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00137	2.59E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.0031	5.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00236	4.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00121	2.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00124	2.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000233	4.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000872	1.65E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000347	6.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00562	1.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00131	2.48E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.0032	6.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.00049	-9.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000847	1.60E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00317	6.00E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00385	7.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00304	5.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00168	3.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.000987	1.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.0014	2.65E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00117	2.21E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00195	3.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000374	7.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00198	3.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00113	2.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000877	1.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000397	7.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000339	6.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000813	1.54E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000676	1.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00182	5.74E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00199	6.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0034	1.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00388	1.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00323	1.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0102	3.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0124	3.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00745	2.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0112	3.53E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00725	2.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00419	1.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00306	9.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00106	3.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00205	-6.46E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000431	-1.36E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00114	3.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.0015	4.73E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00217	6.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00544	1.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0103	3.25E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.018	5.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0404	1.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.00884	2.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.00994	3.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.00914	2.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00808	2.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.00935	2.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	2.71E-03	8.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	3.46E-04	1.09E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.14E-03	-1.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.72E-03	-5.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.24E-03	7.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.37E-03	1.06E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	8.13E-03	2.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	9.85E-03	3.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00151	-4.76E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.43E-03	4.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.14E-02	9.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.90E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	6.92E-03	2.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00356	-1.12E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.21E-04	6.97E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000136	4.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.0002	6.31E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000455	1.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.00049	1.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000681	2.15E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00105	3.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.0013	4.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00166	5.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000308	9.71E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000364	1.15E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	8.76E-04	2.76E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00797	2.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	7.96E-04	2.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00158	4.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0147	4.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000767	2.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00103	-3.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000795	-2.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000629	-1.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00599	1.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00479	1.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00288	9.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00294	9.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000528	1.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00194	6.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000771	2.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.013	4.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000442	1.39E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00482	1.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00393	-1.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00142	4.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00659	2.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00857	2.70E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00678	2.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00384	1.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.0023	7.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00328	1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00277	8.73E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.73E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00456	1.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000854	2.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00468	1.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00253	7.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.98E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00159	5.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000839	2.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000778	2.45E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00153	4.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00154	4.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00897	-2.83E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00542	-1.71E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000625	1.97E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00107	3.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000498	-1.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000525	1.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00243	-7.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00807	-2.54E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00101	-3.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00247	-7.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.79E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00443	-1.40E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00607	-1.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0141	-4.45E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0255	-8.04E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.04E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.017	-5.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0124	-3.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0118	-3.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0105	-3.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0165	-5.20E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.20E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0118	-3.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.017	-5.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00725	-2.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0618	-1.95E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0514	-1.62E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0579	-1.83E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0611	-1.93E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0456	-1.44E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0545	-1.72E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0605	-1.91E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0714	-2.25E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0376	-1.19E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0216	-6.81E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.81E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.000242	-7.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-09	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-7.13E-03	-2.25E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-5.56E-03	-1.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-2.95E-02	-9.30E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.30E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.13E-02	-6.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.72E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.25E-02	-3.94E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.68E-02	-1.48E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-5.83E-02	-1.84E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.48E-04	-1.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.50E-04	-7.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.88E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.78E-04	-1.19E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.36E-04	-1.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-7.28E-04	-2.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.36E-03	-4.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.29E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.11E-03	-3.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.50E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-8.07E-04	-2.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-6.46E-04	-2.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.60E-04	-1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.97E-04	-1.25E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-6.22E-04	-1.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-6.64E-03	-2.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.39E-04	-2.01E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.57E-03	-4.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.54E-02	-4.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.20E-02	-3.78E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-1.94E-02	-6.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-3.85E-02	-1.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.10E-02	-1.61E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.07E-02	-6.53E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.29E-02	-4.07E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.18E-03	-3.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.37E-03	-4.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.32E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.63E-04	-1.78E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.57E-03	-8.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.10E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.02E-03	-3.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.55E-03	-3.01E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.53E-02	-1.11E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-3.86E-02	-1.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.48E-02	-1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.42E-03	-2.65E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.65E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.52E-02	-4.79E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.79E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.12E-02	-3.53E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-8.71E-03	-2.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.50E-03	-1.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.60E-03	-5.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.17E-03	-6.84E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.84E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.49E-03	-4.70E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.70E-03	-8.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.51E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.18E-04	-2.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.47E-03	-7.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.79E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.18E-03	-1.00E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-7.13E-03	-2.25E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.73E-03	-5.45E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.45E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.01E-04	-2.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-5.94E-03	-1.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.54E-03	-4.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.89E-03	-7.93E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.82E-03	-4.99E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-8.03E-05	-2.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	1.69E-05	4.64E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-11	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-4.10E-04	-1.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-8.00E-04	-2.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.73E-03	-4.75E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.75E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.07E-03	-8.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.42E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.20E-03	-3.29E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.33E-03	-3.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.69E-03	-4.64E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.10E-03	-5.76E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.76E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00439	-1.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00763	-2.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.0052	-1.43E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00389	-1.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00374	-1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.0034	-9.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00548	-1.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00444	-1.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00663	-1.82E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00544	-1.49E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0196	-5.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.38E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0165	-4.53E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0185	-5.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0193	-5.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.29E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0147	-4.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0169	-4.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0186	-5.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.10E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0215	-5.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.90E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0114	-3.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00678	-1.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000346	-9.49E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.49E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00283	-7.76E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.76E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00249	-6.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.83E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00892	-2.45E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.45E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00664	-1.82E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00633	-1.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0149	-4.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.09E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0176	-4.83E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.83E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000124	-3.40E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000875	-2.40E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000132	-3.62E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.0002	-5.49E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000262	-7.19E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.19E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.00047	-1.29E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000425	-1.17E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000351	-9.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.63E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.00033	-9.05E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000135	-3.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000151	-4.14E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00026	-7.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.13E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.67E-03	-7.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.32E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.59E-04	-7.11E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.06E-04	-1.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-5.90E-03	-1.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00374	-1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00585	-1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0117	-3.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.21E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0156	-4.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.0068	-1.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.33E-03	-1.19E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.91E-04	-1.62E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000655	-1.80E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000214	-5.87E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.87E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00094	-2.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000373	-1.02E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00396	-1.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0108	-2.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0122	-3.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0103	-2.83E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00269	-7.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.38E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00518	-1.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00411	-1.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00321	-8.81E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.81E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00138	-3.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000674	-1.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000925	-2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000676	-1.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.19E-03	-3.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.19E-04	-8.75E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.75E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00113	-3.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00118	-3.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00231	-6.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.34E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-5.95E-04	-1.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.77E-04	-7.60E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.60E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-1.94E-03	-5.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.32E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000592	-1.62E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00645	4.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00651	4.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00989	6.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0113	7.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00954	6.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.03	1.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0367	2.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0229	1.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0331	2.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0216	1.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0128	8.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.00973	6.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.44E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00487	3.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00279	-1.85E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00201	1.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00492	3.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00588	3.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00769	5.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.80E-02	1.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0317	2.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0548	3.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.119	7.88E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.37E-02	2.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0356	2.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	3.41E-02	2.26E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.14E-02	2.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0332	2.20E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0148	9.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00863	5.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00315	-2.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000309	-2.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00929	6.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00992	6.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0247	1.64E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0296	1.96E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000708	-4.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.69E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00686	4.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0935	6.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.19E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0262	1.73E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00309	-2.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000692	4.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.00043	2.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000635	4.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.40E-03	9.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00153	1.01E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00217	1.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00322	2.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00392	2.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00495	3.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	9.47E-04	6.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00112	7.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00265	1.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0242	1.60E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00241	1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00483	3.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0449	2.97E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00376	2.49E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000577	-3.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00252	1.6686E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6686E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00458	3.0327E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0327E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0202	1.3376E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3376E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0157	1.0396E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0396E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00859	5.6879E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6879E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00879	5.8204E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8204E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00162	1.0727E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0727E-08	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00601	3.9796E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9796E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00239	1.5826E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5826E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0394	2.6089E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6089E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00574	3.8008E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8008E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.019	1.2581E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2581E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00712	-4.7146E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7146E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00523	3.4631E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4631E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0212	1.4038E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4038E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0265	1.7547E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7547E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.021	1.3905E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3905E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0117	7.7473E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7473E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00693	4.5888E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5888E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.00988	6.5421E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5421E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0083	5.4959E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4959E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0137	9.0716E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0716E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00261	1.7282E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7282E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.014	9.2702E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2702E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00782	5.1781E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1781E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00557	3.6882E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6882E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00268	1.7746E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7746E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00237	1.5693E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5693E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00524	3.4697E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4697E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0047	3.1121E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1121E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000818	9.0274E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0274E-11	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.000103	1.1367E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1367E-10	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.0000435	4.8007E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8007E-11	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.0000244	2.6928E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6928E-11	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000156	1.7216E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7216E-11	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000165	1.8209E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8209E-11	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.0000231	2.5493E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5493E-11	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000465	5.1317E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1317E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.0000157	1.7326E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7326E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.0000123	1.3574E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3574E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.00000905	9.9876E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9876E-12	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.0000079	8.7184E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7184E-12	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.0000056	6.1801E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1801E-12	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.00000524	5.7829E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7829E-12	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.00000448	4.9441E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9441E-12	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.00000421	4.6461E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6461E-12	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.00000417	4.602E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.602E-12	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000046	5.0766E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0766E-12	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.00000425	4.6903E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6903E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.00000425	4.6903E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6903E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.00000464	5.1207E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1207E-12	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000073	8.0563E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0563E-12	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.0000139	1.534E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.534E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.0000186	2.0527E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0527E-11	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.0000289	3.1894E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1894E-11	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.0000408	4.5027E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5027E-11	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.0000327	3.6088E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6088E-11	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0000715	7.8907E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8907E-11	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000108	1.1919E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1919E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000152	1.6775E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6775E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000582	6.4229E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4229E-11	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000177	1.9534E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9534E-10	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.00019	2.0968E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0968E-10	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000369	4.0723E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0723E-11	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.0000354	3.9067E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9067E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.00000476	5.2531E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-12	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.00000429	4.7344E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7344E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000109	1.2029E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2029E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0000449	4.9552E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9552E-11	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.0000959	1.0584E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0584E-10	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.00000198	2.1851E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1851E-12	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000151	1.6664E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6664E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000274	3.0239E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0239E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.00000508	5.6063E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6063E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0000075	8.277E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.277E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.0000104	1.1477E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1477E-11	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.0000075	8.277E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.277E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000102	1.1257E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1257E-11	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000282	3.1121E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1121E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000262	2.8914E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8914E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.00000246	2.7149E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7149E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.0000345	3.8074E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8074E-11	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000476	5.2531E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.00000397	4.3813E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3813E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.0000175	1.9313E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9313E-11	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000197	2.1741E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1741E-11	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.0000399	4.4034E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4034E-11	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000651	7.1844E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1844E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000123	1.3574E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3574E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.00000643	7.0961E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0961E-12	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.00000659	7.2727E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2727E-12	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.00000206	2.2734E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2734E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.00000222	2.45E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.00000147	1.6223E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6223E-12	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.00000448	4.9441E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9441E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.00000171	1.8872E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8872E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.0000102	1.1257E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1257E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.00000381	4.2047E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2047E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000056	6.1801E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1801E-12	0	0	0
1039	1430	215	75092	Methylene Chlor	0.00000337	3.7191E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7191E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.00000302	3.3329E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3329E-12	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.0000322	3.5536E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5536E-11	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.0000273	3.0128E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0128E-11	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.00000512	5.6504E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6504E-12	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.00000488	5.3856E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3856E-12	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.00000314	3.4653E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4653E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.00000389	4.293E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.293E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.00000294	3.2446E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2446E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.00000337	3.7191E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7191E-12	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000167	1.843E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.843E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.00000278	3.068E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.068E-12	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.00000254	2.8031E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8031E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.00000282	3.1121E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1121E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000198	2.1851E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1851E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000107	1.1808E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1808E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.00000325	3.5867E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5867E-12	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.00000234	2.5824E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5824E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000467	-1.767E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.767E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000195	-7.3783E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3783E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000379	1.434E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.434E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000459	1.7367E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7367E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000282	1.067E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.067E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00101	3.8216E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8216E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00105	3.973E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.973E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000151	5.7135E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7135E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00103	3.8973E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8973E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000535	2.0243E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0243E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.0000925	3.5E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000136	-5.1459E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1459E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000908	-3.4357E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4357E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00203	-7.681E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.681E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00123	-4.654E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.654E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000781	-2.9551E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9551E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000704	-2.6638E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6638E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000546	-2.0659E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0659E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000651	-2.4632E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4632E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000163	6.1675E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1675E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000544	2.0584E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0584E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00345	1.3054E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3054E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00358	-1.3546E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3546E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00273	-1.033E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.033E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00327	-1.2373E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2373E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.0036	-1.3622E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3622E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00236	-8.9297E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.9297E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00366	-1.3849E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3849E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00432	-1.6346E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6346E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00555	-0.00000021	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-0.00000021	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00288	-1.0897E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0897E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00133	-5.0324E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0324E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000313	1.1843E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1843E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000285	1.0784E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0784E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000569	2.153E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.153E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00227	-8.5891E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5891E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.0014	-5.2973E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2973E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00219	8.2864E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2864E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00269	-1.0178E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0178E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00455	-1.7216E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7216E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000333	-1.26E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000467	-1.767E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.767E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000748	-2.8303E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8303E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000612	2.3157E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3157E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000425	-1.6081E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6081E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000307	-1.1616E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1616E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000233	8.8162E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8162E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000699	2.6449E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6449E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000117	4.427E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.427E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000432	1.6346E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6346E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000723	2.7357E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7357E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000413	1.5627E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5627E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000306	1.1578E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1578E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000323	1.2222E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2222E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000426	1.6119E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6119E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000331	1.2524E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2524E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000789	-2.9854E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9854E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.0015	-5.6756E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6756E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00285	-1.0784E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0784E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00374	-1.4151E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4151E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000898	-3.3978E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3978E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000458	-1.733E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.733E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000198	7.4919E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4919E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.00019	7.1892E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1892E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000113	4.2757E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2757E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000607	2.2967E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2967E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000256	9.6864E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6864E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000595	2.2513E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2513E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.0025	-9.4594E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.4594E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00231	-8.7405E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.7405E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00289	-1.0935E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0935E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.000466	-1.7632E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7632E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000448	-1.6951E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6951E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000369	1.3962E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3962E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000397	1.5022E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5022E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000126	4.7675E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7675E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.00011	4.1621E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1621E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000166	6.281E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.281E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000165	6.2432E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2432E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000254	9.6108E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6108E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000251	9.4972E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4972E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000282	1.067E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.067E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000196	7.4162E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4162E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000356	-1.347E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.347E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000418	-1.5816E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5816E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.000026	9.8378E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8378E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000277	-1.0481E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0481E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000407	1.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00776	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00274	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0112	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0122	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00399	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.000276	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.00898	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0141	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0104	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00934	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0089	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:33:18 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0113	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0144	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0632	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0446	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0415	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0488	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0523	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.159	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0923	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.122	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.11	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.343	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.183	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.186	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.214	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.246	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.188	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00268	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.106	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0155	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0485	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0146	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0162	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00449	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.127	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.167	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.109	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0405	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0778	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000732	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000519	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000632	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00111	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00113	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00181	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00178	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00161	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00296	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000688	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000818	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00066	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0149	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00117	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00148	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0964	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0649	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.031	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0508	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0628	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.179	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.073	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0117	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0122	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00327	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00394	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00595	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0746	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.246	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.251	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.238	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0468	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000627	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0197	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.092	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0227	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00965	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0149	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0115	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.028	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.0046	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0271	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0252	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0473	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0103	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00512	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0202	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00816	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-1.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-10	-8.61E-10	-1.28E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-8.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-10	-5.94E-10	-8.83E-11	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	6.84E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-11	4.59E-11	6.82E-12	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	1.50E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-12	1.00E-11	1.49E-12	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	6.43E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-12	4.32E-12	6.42E-13	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-1.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-11	-1.08E-10	-1.60E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-3.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.03E-11	-2.36E-10	-3.50E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-6.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-10	-4.53E-10	-6.73E-11	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	6.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	4.29E-10	6.37E-11	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	7.80E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-10	5.24E-10	7.78E-11	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-10	7.07E-10	1.05E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-10	9.65E-10	1.43E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	3.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.80E-10	2.29E-09	3.40E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	8.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	5.39E-09	8.01E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	5.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	3.95E-09	5.87E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	5.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	3.55E-09	5.28E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	5.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	3.86E-09	5.73E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	5.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	3.92E-09	5.82E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	1.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-09	1.08E-08	1.61E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	9.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	6.49E-09	9.65E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-09	8.79E-09	1.31E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	7.93E-09	1.18E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	3.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-09	2.45E-08	3.64E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	1.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-09	1.34E-08	1.98E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-09	1.35E-08	2.00E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	2.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-09	1.48E-08	2.20E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	2.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-09	1.54E-08	2.29E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-09	-1.27E-08	-1.89E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	1.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-11	1.15E-10	1.71E-11	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-09	-7.69E-09	-1.14E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-10	9.00E-10	1.34E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-5.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	-3.83E-09	-5.69E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-1.87E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-11	-1.25E-10	-1.86E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-5.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-10	-3.46E-10	-5.14E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-2.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-11	-1.75E-10	-2.60E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	7.93E-09	1.18E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	1.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-09	1.13E-08	1.67E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	7.84E-09	1.16E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	2.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-10	1.54E-09	2.29E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-9.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-09	-6.46E-09	-9.60E-10	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	7.30E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-11	4.90E-11	7.28E-12	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	5.47E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	3.67E-11	5.46E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	6.29E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-11	4.23E-11	6.28E-12	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	1.13E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-11	7.56E-11	1.12E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	1.11E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-11	7.44E-11	1.11E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	1.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-11	1.03E-10	1.53E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	1.45E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-11	9.71E-11	1.44E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	1.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-11	9.89E-11	1.47E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	7.48E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-11	5.02E-11	7.46E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	7.44E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-11	4.99E-11	7.42E-12	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	9.21E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-11	6.19E-11	9.19E-12	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	5.70E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	3.83E-11	5.69E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-4.79E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-10	-3.22E-10	-4.78E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	8.76E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-11	5.88E-11	8.74E-12	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	1.99E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-11	1.34E-10	1.98E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	9.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	6.58E-09	9.78E-10	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	6.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	4.47E-09	6.64E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	3.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-10	2.20E-09	3.27E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-6.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-09	-4.32E-09	-6.42E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-7.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	-5.08E-09	-7.55E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	1.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-09	1.26E-08	1.87E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	7.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	5.18E-09	7.69E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	1.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-10	8.39E-10	1.25E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-10	8.97E-10	1.33E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	4.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.15E-11	2.68E-10	3.99E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	5.29E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	3.55E-10	5.28E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	7.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	4.78E-10	7.10E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	7.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	5.14E-09	7.64E-10	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	2.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-09	1.75E-08	2.61E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	2.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-09	1.79E-08	2.67E-09	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	2.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-09	1.67E-08	2.48E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	5.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	3.55E-09	5.28E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-5.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-10	-3.58E-10	-5.32E-11	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	1.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-10	7.96E-10	1.18E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	9.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	6.43E-09	9.55E-10	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	2.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-10	1.56E-09	2.33E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	9.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-10	6.68E-10	9.92E-11	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	1.03E-09	1.52E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	1.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	7.99E-10	1.19E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	2.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-10	1.97E-09	2.92E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	5.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	3.71E-10	5.51E-11	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	2.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	1.94E-09	2.88E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	2.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-10	1.83E-09	2.72E-10	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	5.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	3.43E-09	5.10E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	8.18E-10	1.21E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	5.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	3.67E-10	5.46E-11	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	5.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	3.49E-09	5.19E-10	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-10	6.95E-10	1.03E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-2.03E-06	-9.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.01E-08	-2.07E-09	-1.03E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-1.20E-06	-5.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.32E-08	-1.23E-09	-6.07E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	9.93E-07	4.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-08	1.01E-09	5.02E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.02E-06	4.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-08	1.04E-09	5.16E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	4.14E-07	1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-08	4.23E-10	2.09E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	4.58E-08	2.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	4.68E-11	2.32E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-5.03E-07	-2.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-08	-5.13E-10	-2.54E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.36E-06	-6.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.03E-08	-1.39E-09	-6.88E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.26E-06	1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	2.31E-09	1.14E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.10E-06	9.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-08	2.14E-09	1.06E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.25E-06	1.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-08	2.30E-09	1.14E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.87E-06	1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	2.93E-09	1.45E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.61E-06	2.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-07	5.73E-09	2.84E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.48E-05	6.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-07	1.51E-08	7.48E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.08E-05	4.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-07	1.10E-08	5.46E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	9.91E-06	4.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-07	1.01E-08	5.01E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.10E-05	5.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-07	1.12E-08	5.56E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.14E-05	5.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-07	1.16E-08	5.76E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.20E-05	1.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	3.27E-08	1.62E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.94E-05	8.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-07	1.98E-08	9.81E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.61E-05	1.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-06	2.66E-08	1.32E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.44E-05	1.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	2.49E-08	1.23E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.14E-05	3.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-06	7.29E-08	3.61E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.91E-05	1.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-06	3.99E-08	1.98E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.95E-05	1.79E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-06	4.03E-08	2.00E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.38E-05	1.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-06	4.47E-08	2.21E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.71E-05	2.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-06	4.81E-08	2.38E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.65E-05	-1.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-06	-3.73E-08	-1.85E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	9.98E-07	4.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	1.02E-09	5.05E-11	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.14E-05	-9.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.50E-07	-2.18E-08	-1.08E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	3.05E-06	1.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	3.11E-09	1.54E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.04E-05	-4.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-07	-1.06E-08	-5.26E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	8.79E-07	3.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-08	8.97E-10	4.44E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.30E-06	-5.91E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.77E-08	-1.33E-09	-6.57E-11	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.61E-09	-3.91E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-10	-8.79E-12	-4.35E-13	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.42E-05	1.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	2.47E-08	1.22E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.34E-05	1.52E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	3.41E-08	1.69E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.41E-05	1.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	2.46E-08	1.22E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	6.49E-06	2.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-07	6.63E-09	3.28E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.73E-05	-7.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.68E-07	-1.77E-08	-8.75E-10	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.61E-07	7.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-09	1.64E-10	8.14E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.18E-07	5.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	1.20E-10	5.97E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.43E-07	6.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-09	1.46E-10	7.23E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.52E-07	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	2.57E-10	1.27E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.57E-07	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	2.62E-10	1.30E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.74E-07	1.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	3.82E-10	1.89E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.74E-07	1.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	3.82E-10	1.89E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.81E-07	1.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	3.89E-10	1.93E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.84E-07	1.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	3.92E-10	1.94E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.66E-07	7.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-09	1.69E-10	8.39E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.01E-07	9.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-09	2.05E-10	1.02E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.63E-07	7.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-09	1.66E-10	8.24E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.18E-06	-5.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-08	-1.20E-09	-5.97E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.34E-07	1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	2.39E-10	1.18E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.47E-07	2.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	4.56E-10	2.26E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.01E-05	9.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-07	2.05E-08	1.02E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.31E-05	5.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-07	1.34E-08	6.62E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	6.46E-06	2.94E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-07	6.59E-09	3.27E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.14E-05	-5.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-07	-1.16E-08	-5.76E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.35E-05	-6.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.99E-07	-1.38E-08	-6.82E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.68E-05	1.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	3.76E-08	1.86E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.52E-05	6.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-07	1.55E-08	7.68E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.57E-06	1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	2.62E-09	1.30E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.73E-06	1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	2.79E-09	1.38E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	7.74E-07	3.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-08	7.90E-10	3.91E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.07E-06	4.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-08	1.09E-09	5.41E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.38E-06	6.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-08	1.41E-09	6.98E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.57E-05	7.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-07	1.60E-08	7.94E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.08E-05	2.31E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-06	5.19E-08	2.57E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.21E-05	2.37E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-06	5.32E-08	2.63E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.83E-05	2.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-06	4.93E-08	2.44E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	1.02E-05	4.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-07	1.04E-08	5.16E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.83E-07	-8.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-09	-1.87E-10	-9.25E-12	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.38E-06	1.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	3.45E-09	1.71E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.90E-05	8.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-07	1.94E-08	9.61E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.78E-06	2.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	4.88E-09	2.42E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.07E-06	9.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.18E-08	2.11E-09	1.05E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.17E-06	1.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-07	3.24E-09	1.60E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.47E-06	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	2.52E-09	1.25E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	5.93E-06	2.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	6.05E-09	3.00E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.09E-06	4.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-08	1.11E-09	5.51E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	5.84E-06	2.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	5.96E-09	2.95E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.42E-06	2.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	5.53E-09	2.74E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	9.94E-06	4.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-07	1.01E-08	5.03E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	2.34E-06	1.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	2.39E-09	1.18E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.11E-06	5.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-08	1.13E-09	5.61E-11	0.00E+00
263	900	935	18540299	Cr(VI)	8.21E-06	3.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-07	8.38E-09	4.15E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.00E-06	9.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-08	2.04E-09	1.01E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-2.78E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-12	-1.82E-11	-1.35E-12	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-1.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-12	-8.38E-12	-6.23E-13	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	3.49E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-12	2.29E-11	1.70E-12	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	3.91E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-12	2.57E-11	1.91E-12	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	3.04E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-12	2.00E-11	1.48E-12	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	5.32E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-12	3.49E-11	2.59E-12	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	1.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-11	7.17E-11	5.32E-12	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	7.35E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-11	4.82E-11	3.58E-12	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	1.96E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-11	1.29E-10	9.55E-12	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	1.43E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-11	9.35E-11	6.95E-12	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	1.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-11	7.74E-11	5.75E-12	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	1.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-11	8.31E-11	6.17E-12	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	2.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-11	1.48E-10	1.10E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	4.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-11	2.93E-10	2.18E-11	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	3.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-11	2.26E-10	1.68E-11	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	3.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-11	2.12E-10	1.57E-11	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	3.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-11	2.31E-10	1.71E-11	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	3.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	2.38E-10	1.77E-11	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	9.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	5.92E-10	4.40E-11	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	6.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-11	4.11E-10	3.06E-11	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	8.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-10	5.61E-10	4.16E-11	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	9.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	6.28E-10	4.67E-11	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	2.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	1.35E-09	1.00E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-10	8.00E-10	5.94E-11	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	8.03E-10	5.97E-11	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	1.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	8.57E-10	6.37E-11	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	1.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-10	8.69E-10	6.46E-11	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-7.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-10	-5.15E-10	-3.83E-11	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	1.45E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-11	9.49E-11	7.05E-12	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-4.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.18E-11	-2.93E-10	-2.18E-11	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	1.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-11	8.40E-11	6.24E-12	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-2.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-11	-1.45E-10	-1.08E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	2.32E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-12	1.52E-11	1.13E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	8.15E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-11	5.34E-11	3.97E-12	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	1.30E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-11	8.52E-11	6.33E-12	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	6.67E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-11	4.37E-10	3.25E-11	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	9.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	6.00E-10	4.46E-11	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	9.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	6.13E-10	4.55E-11	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	2.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-11	1.87E-10	1.39E-11	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-3.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.26E-11	-2.50E-10	-1.86E-11	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	7.62E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-12	5.00E-12	3.71E-13	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	5.53E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-13	3.63E-12	2.69E-13	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	7.25E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-12	4.75E-12	3.53E-13	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	1.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-12	8.42E-12	6.25E-13	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	1.39E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-12	9.15E-12	6.79E-13	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	1.96E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-12	1.29E-11	9.55E-13	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	2.25E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-12	1.47E-11	1.09E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	2.58E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-12	1.69E-11	1.26E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	2.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-12	1.52E-11	1.13E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	8.99E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-12	5.90E-12	4.38E-13	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	1.06E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-12	6.94E-12	5.16E-13	1.66E-12

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	1.29E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-12	8.43E-12	6.27E-13	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	7.94E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-11	5.21E-11	3.87E-12	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	1.38E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-12	9.04E-12	6.72E-13	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	3.02E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-12	1.98E-11	1.47E-12	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	6.82E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.43E-11	4.48E-10	3.33E-11	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	3.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	2.38E-10	1.77E-11	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	1.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-11	1.27E-10	9.44E-12	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-2.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-11	-1.58E-10	-1.18E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-2.65E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-11	-1.74E-10	-1.29E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	6.80E-10	5.05E-11	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	4.63E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-11	3.04E-10	2.26E-11	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	9.92E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-11	6.51E-11	4.83E-12	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	1.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-11	7.03E-11	5.22E-12	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	2.83E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-12	1.86E-11	1.38E-12	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	5.37E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-12	3.52E-11	2.62E-12	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	4.84E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-12	3.18E-11	2.36E-12	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	5.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-11	3.56E-10	2.64E-11	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-10	9.16E-10	6.81E-11	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	1.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-10	9.56E-10	7.10E-11	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	1.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-10	8.35E-10	6.20E-11	2.00E-10
336	1142	615	7439921	Lead	0.0000117	3.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-11	2.03E-10	1.51E-11	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	7.70E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-11	5.05E-11	3.75E-12	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	1.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-11	1.13E-10	8.41E-12	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	5.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.82E-11	3.71E-10	2.76E-11	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	1.67E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-11	1.10E-10	8.13E-12	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	7.94E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-11	5.21E-11	3.87E-12	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	1.17E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-11	7.67E-11	5.70E-12	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	9.34E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-11	6.13E-11	4.55E-12	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	2.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-11	1.33E-10	9.85E-12	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	4.13E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-12	2.71E-11	2.01E-12	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	2.05E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-11	1.35E-10	1.00E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	1.78E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-11	1.17E-10	8.68E-12	2.80E-11
348	1577	291	7439921	Lead	0.0000109	2.88E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-11	1.89E-10	1.41E-11	4.53E-11
349	2400	240	7439921	Lead	0.00000286	7.56E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	4.96E-11	3.69E-12	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	3.91E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-12	2.57E-11	1.91E-12	6.15E-12
351	900	935	7439921	Lead	0.0000112	2.96E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-11	1.94E-10	1.44E-11	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	7.62E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	5.00E-11	3.71E-12	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000287	-2.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000163	-1.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000162	1.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000168	1.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000552	4.37E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000265	-2.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000172	-1.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000288	-2.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000231	1.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000236	1.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000268	2.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000354	2.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.000067	5.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000198	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000143	1.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.00013	1.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000147	1.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000153	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000441	3.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000261	2.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000349	2.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000315	2.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000977	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000527	4.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000533	4.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000598	4.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000655	5.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000521	-4.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.00000578	4.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-10	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000305	-2.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000398	3.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000146	-1.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000169	1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000295	-2.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000986	-7.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000338	2.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.62E-04	3.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000312	2.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000873	6.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00024	-1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000201	1.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000147	1.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000174	1.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000307	2.43E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000308	2.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.0000046	3.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000442	3.50E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000424	3.36E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000507	4.01E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000197	1.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000239	1.89E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000169	1.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000271	-2.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000281	2.22E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000478	3.78E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000268	2.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000181	1.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000878	6.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000159	-1.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000191	-1.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000506	4.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000207	1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000334	2.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000353	2.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00001	7.92E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000127	1.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.000018	1.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000209	1.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.0007	5.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000715	5.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000671	5.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000137	1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.00000662	-5.24E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-10	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000435	3.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000259	2.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000635	5.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000027	2.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000416	3.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000322	2.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000791	6.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.000014	1.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000773	6.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000724	5.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000136	1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000031	2.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000146	1.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000996	7.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000255	2.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0135	1.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0176	1.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0428	4.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0489	4.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0126	1.21E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.00425	-4.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0413	-3.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0691	-6.61E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.61E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00421	4.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00264	-2.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-07	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0122	-1.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-1.40E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.077	-7.37E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.37E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0427	-4.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.09E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0313	-3.00E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0181	-1.73E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00999	-9.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.56E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00575	-5.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-07	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.013	1.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	-0.000179	-1.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00894	-8.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.56E-07	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00814	-7.79E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.79E-07	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0216	-2.07E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0122	-1.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00428	-4.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.10E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0296	2.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0987	9.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.45E-06	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0725	-6.94E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.94E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.123	-1.18E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.121	-1.16E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0258	-2.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0108	1.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0631	6.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0736	-7.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.04E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.042	-4.02E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.00107	-1.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0122	1.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.0075	-7.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.18E-07	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.058	5.55E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-06	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0893	-8.55E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.55E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000746	-7.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.14E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000533	-5.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.10E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.00079	-7.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.56E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00069	-6.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.60E-08	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00154	-1.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.0018	-1.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00133	-1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.000999	-9.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.56E-08	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00708	6.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000954	-9.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.13E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0011	-1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00121	-1.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.068	-6.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.51E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.0000874	-8.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.36E-09	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00501	-4.79E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.79E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000837	8.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-08	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0116	-1.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.000438	-4.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-08	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0521	-4.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.103	-9.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.86E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0109	-1.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00852	-8.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.15E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00279	-2.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00323	-3.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000971	-9.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.29E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00703	-6.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.73E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00167	-1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.0046	-4.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-07	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.015	-1.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0182	-1.74E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-1.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00218	-2.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0255	-2.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.000142	-1.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-08	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00648	-6.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.20E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00452	-4.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.33E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00285	-2.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00368	-3.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00291	-2.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.78E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00387	-3.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00164	-1.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00401	-3.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00438	-4.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00401	-3.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00197	-1.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000658	-6.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.30E-08	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00835	-7.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.99E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00264	-2.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00126	6.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00121	6.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00168	8.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.77E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00191	9.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00164	8.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00514	2.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00634	3.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00406	2.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00569	2.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00374	1.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00228	1.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00177	9.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	5.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000269	-1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000646	3.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	5.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00122	6.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00151	7.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00338	1.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00565	2.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00969	5.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00687	3.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00702	3.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00687	3.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00646	3.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00649	3.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.0035	1.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00255	1.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000727	3.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000614	3.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00197	1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.0017	8.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00436	2.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00517	2.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000402	2.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00155	8.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.09E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0163	8.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.51E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00531	2.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000504	2.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000125	6.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000781	4.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000116	6.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000249	1.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000275	1.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000396	2.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000572	2.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000686	3.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.00086	4.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000169	8.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000199	1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000465	2.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00427	2.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	2.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000856	4.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	4.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000857	4.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000245	1.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00111	5.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00169	8.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-08	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00382	1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00291	1.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	7.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	7.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	5.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000428	2.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00693	3.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00161	8.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00394	2.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000604	-3.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	5.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00391	2.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	2.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00375	1.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	6.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	9.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	7.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	2.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.0014	7.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00108	5.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000489	2.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	2.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	5.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000833	4.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00224	1.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00245	2.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00419	3.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00479	4.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00399	3.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0126	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0153	1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00919	8.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00894	7.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00516	4.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00377	3.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.0013	1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00252	-2.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000531	-4.62E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-11	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00141	1.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00185	1.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00268	2.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00671	5.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0222	1.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0498	4.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0109	9.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-09	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0123	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0113	9.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00997	8.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.67E-09	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0115	1.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.34E-03	2.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	4.26E-04	3.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-5.11E-03	-4.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.12E-03	-1.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.76E-03	2.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	4.16E-03	3.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.00E-02	8.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00186	-1.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.76E-03	1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.87E-02	3.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.53E-03	7.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00439	-3.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.73E-04	2.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000168	1.46E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000247	2.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000561	4.88E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000604	5.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.00084	7.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.0013	1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00161	1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00205	1.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000379	3.30E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000449	3.91E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.08E-03	9.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00983	8.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.82E-04	8.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	1.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000945	8.22E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.22E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00127	-1.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000981	-8.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.53E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000776	-6.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.75E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00738	6.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00591	5.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	3.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	3.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000651	5.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00239	2.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000951	8.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.27E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000545	4.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00595	5.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00484	-4.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.21E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00175	1.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00812	7.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	9.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-09	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00836	7.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00474	4.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	2.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	3.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	2.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00563	4.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	9.14E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00577	5.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00312	2.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00197	1.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	8.96E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000959	8.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.34E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00189	1.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	1.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0111	-9.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.66E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00669	-5.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.82E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000768	6.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-09	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00132	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000616	-5.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000635	5.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-10	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00299	-2.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00996	-8.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.67E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00124	-1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00305	-2.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.65E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00547	-4.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00749	-6.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.52E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0173	-1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0314	-2.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.021	-1.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0153	-1.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0146	-1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.013	-1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0203	-1.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0146	-1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.021	-1.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00894	-7.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.78E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0762	-6.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.63E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0634	-5.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0714	-6.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.21E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0753	-6.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.55E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0563	-4.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0672	-5.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.85E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0746	-6.49E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.49E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0881	-7.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0464	-4.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0266	-2.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.000313	-2.72E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-09	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-8.80E-03	-7.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.85E-03	-5.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.64E-02	-3.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.63E-02	-2.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.54E-02	-1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.77E-02	-5.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-6.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.29E-04	-3.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.09E-04	-2.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.66E-04	-4.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.05E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-6.61E-04	-5.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.75E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-8.98E-04	-7.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.67E-03	-1.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.37E-03	-1.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-9.96E-04	-8.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.67E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-7.98E-04	-6.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.94E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.44E-04	-3.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.86E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.90E-04	-4.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-7.68E-04	-6.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.68E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-8.19E-03	-7.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.13E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-7.88E-04	-6.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.93E-03	-1.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.90E-02	-1.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.48E-02	-1.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.39E-02	-2.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.08E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.75E-02	-4.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.29E-02	-5.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.55E-02	-2.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.59E-02	-1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.46E-03	-1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.70E-03	-1.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-6.95E-04	-6.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.16E-03	-2.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.26E-03	-1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.18E-02	-1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.35E-02	-3.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.76E-02	-4.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.29E-02	-3.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.04E-02	-9.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-1.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.38E-02	-1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.07E-02	-9.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.31E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.32E-03	-3.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.76E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.98E-03	-1.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.67E-03	-2.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.84E-03	-1.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.33E-03	-2.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.01E-03	-8.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.79E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.04E-03	-2.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.93E-03	-3.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.79E-03	-7.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.65E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.13E-03	-1.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.65E-04	-7.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.53E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.33E-03	-6.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.89E-03	-1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.57E-03	-2.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.24E-03	-1.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-9.92E-05	-7.51E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.51E-11	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	2.08E-05	1.57E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-11	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.06E-04	-3.83E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-9.86E-04	-7.46E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.46E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-2.14E-03	-1.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.78E-03	-2.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.86E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.49E-03	-1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.65E-03	-1.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.09E-03	-1.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.59E-03	-1.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00541	-4.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.09E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00941	-7.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.12E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00641	-4.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.85E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.0048	-3.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00461	-3.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00419	-3.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00675	-5.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.11E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00548	-4.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.15E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00818	-6.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.19E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00671	-5.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0242	-1.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0204	-1.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0228	-1.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0238	-1.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0181	-1.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0229	-1.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0265	-2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.014	-1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00836	-6.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.33E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000427	-3.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.23E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00349	-2.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00307	-2.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.011	-8.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.33E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00819	-6.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.20E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.0078	-5.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.90E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0183	-1.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000153	-1.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.000108	-8.17E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000162	-1.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000247	-1.87E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000323	-2.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000579	-4.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000524	-3.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000433	-3.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000408	-3.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000166	-1.26E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000186	-1.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000321	-2.43E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-3.29E-03	-2.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.20E-04	-2.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.47E-04	-5.65E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.65E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.27E-03	-5.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00461	-3.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00722	-5.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0145	-1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0192	-1.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00839	-6.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.35E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.34E-03	-4.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.28E-04	-5.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.51E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000808	-6.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000264	-2.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00116	-8.78E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.78E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.00046	-3.48E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.48E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00489	-3.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0134	-1.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0151	-1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-9.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.69E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00332	-2.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00639	-4.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.84E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00507	-3.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00395	-2.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.0017	-1.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000831	-6.29E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.29E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00114	-8.63E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.63E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000834	-6.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.31E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.47E-03	-1.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.93E-04	-2.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.97E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00139	-1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00145	-1.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00285	-2.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.34E-04	-5.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.56E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.41E-04	-2.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.39E-03	-1.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000731	-5.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.53E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00796	1.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00802	1.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0122	2.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0139	2.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0118	2.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.037	6.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0453	8.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.28E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0282	5.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0408	7.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	4.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0158	2.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	2.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.006	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00344	-6.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.28E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00248	4.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00606	1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00725	1.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00948	1.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.22E-02	4.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0391	7.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0676	1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	2.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.15E-02	7.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.58E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0439	8.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.02E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.20E-02	7.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.87E-02	7.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.07E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0409	7.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0183	3.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0106	1.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00388	-7.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.09E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000382	-6.98E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-10	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0114	2.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0122	2.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0305	5.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0365	6.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000873	-1.60E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00846	1.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	2.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0323	5.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00381	-6.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000853	1.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.00053	9.68E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-10	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000783	1.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.73E-03	3.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00188	3.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00267	4.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00398	7.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00483	8.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00611	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.17E-03	2.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00138	2.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00326	5.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0299	5.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00298	5.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00596	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00464	8.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000712	-1.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.0031	5.6637E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6637E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00565	1.0323E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0323E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0248	4.531E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.531E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0193	3.5261E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5261E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	1.9366E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9366E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	1.9732E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9732E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	3.6357E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6357E-09	0	0	0

Proposed Project RAST Output 30 Year Resident 16-30 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00741	1.3538E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3538E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00295	5.3897E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3897E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	8.8792E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8792E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00708	1.2935E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2935E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0234	4.2752E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2752E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00878	-1.6041E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6041E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00644	1.1766E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1766E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	4.7867E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7867E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	5.9743E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9743E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0259	4.7319E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7319E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	2.6309E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6309E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00855	1.5621E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5621E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	2.2289E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2289E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	1.8635E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8635E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	3.0876E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0876E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	5.8647E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8647E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	3.1607E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1607E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00964	1.7612E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7612E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00687	1.2551E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2551E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.0033	6.0291E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0291E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00292	5.3348E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3348E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00646	1.1802E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1802E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	1.0597E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0597E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

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INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000576	-6.0134E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.0134E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000241	-2.516E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.516E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000467	4.8755E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8755E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000566	5.909E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.909E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000347	3.6227E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6227E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00125	1.305E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.305E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00129	1.3468E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3468E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000187	1.9523E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9523E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00127	1.3259E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3259E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000659	6.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000114	1.1902E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1902E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000168	-1.7539E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7539E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00112	-1.1693E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1693E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00251	-2.6204E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6204E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00151	-1.5764E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5764E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000963	-1.0054E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0054E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000868	-9.0619E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.0619E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000673	-7.0261E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.0261E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000803	-8.3833E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.3833E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000201	2.0984E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0984E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00067	6.9948E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9948E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00425	4.437E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.437E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00442	-4.6145E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6145E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00336	-3.5078E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5078E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00403	-4.2073E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2073E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00444	-4.6354E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6354E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00292	-3.0485E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0485E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00451	-4.7084E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7084E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00533	-5.5645E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5645E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00684	-7.141E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.141E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00355	-3.7062E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7062E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00164	-1.7122E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7122E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000386	4.0298E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0298E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000352	3.6749E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6749E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000701	7.3184E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3184E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00281	-2.9336E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9336E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00172	-1.7957E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7957E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00269	2.8084E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8084E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00331	-3.4556E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4556E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-5.8568E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8568E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.0000041	-4.2804E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2804E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000576	-6.0134E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.0134E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000923	-9.6361E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.6361E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000754	7.8718E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8718E-11	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000524	-5.4706E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4706E-11	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000379	-3.9568E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9568E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000287	2.9963E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9963E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000862	8.9993E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9993E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000144	1.5034E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5034E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000533	5.5645E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5645E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000892	9.3125E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3125E-11	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000509	5.314E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.314E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000377	3.9359E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9359E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000398	4.1551E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1551E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000525	5.481E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.481E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000408	4.2595E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2595E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000973	-1.0158E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0158E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00185	-1.9314E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9314E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00351	-3.6644E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6644E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00461	-4.8128E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8128E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00111	-1.1588E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1588E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000565	-5.8986E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8986E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000244	2.5474E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5474E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000234	2.443E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.443E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000014	1.4616E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4616E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000749	7.8196E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8196E-11	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000316	3.299E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.299E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000733	7.6525E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6525E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00308	-3.2155E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2155E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00284	-2.965E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.965E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-3.7271E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7271E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000575	-6.003E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.003E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000553	-5.7733E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.7733E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000454	4.7398E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7398E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000489	5.1052E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1052E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000155	1.6182E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6182E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000136	1.4198E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4198E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000205	2.1402E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1402E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000203	2.1193E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1193E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000314	3.2782E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2782E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000309	3.226E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.226E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000348	3.6331E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6331E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000241	2.516E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.516E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000439	-4.5832E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5832E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000515	-5.3766E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.3766E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.000032	3.3408E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3408E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000342	-3.5705E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5705E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000502	5.2409E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2409E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00977	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0149	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00489	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.000379	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0111	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0175	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0128	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0115	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.011	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:35:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0139	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0177	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0779	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.055	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0512	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0601	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0645	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.196	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.114	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.15	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.136	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.422	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.226	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.229	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.263	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.303	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.232	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00306	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.131	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.019	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0603	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0175	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0201	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00562	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.157	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.206	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.135	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0499	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0962	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000899	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000637	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000776	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00136	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00222	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00217	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00197	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000842	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.001	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000808	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0184	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00143	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00182	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.08	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0382	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0628	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0777	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.221	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.09	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0144	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.015	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00403	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00485	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00734	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0919	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.304	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.31	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.293	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0577	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0007	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0243	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.028	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0184	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0142	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0346	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00567	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0334	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0311	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0583	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0127	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00632	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0249	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0101	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-09	-1.21E-08	-7.96E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-09	-8.38E-09	-5.50E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	8.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	6.48E-10	4.25E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	1.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-11	1.42E-10	9.30E-12	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	7.54E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	6.09E-11	4.00E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-1.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	-1.52E-09	-9.98E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-4.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.72E-10	-3.32E-09	-2.18E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-7.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-09	-6.39E-09	-4.19E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	7.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	6.05E-09	3.97E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-09	7.39E-09	4.85E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-09	9.98E-09	6.55E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	1.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	1.36E-08	8.93E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	3.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-09	3.23E-08	2.12E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	9.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	7.60E-08	4.99E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	6.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-09	5.57E-08	3.66E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	5.01E-08	3.29E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	6.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.37E-09	5.44E-08	3.57E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	6.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.52E-09	5.53E-08	3.63E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	1.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	1.53E-07	1.00E-08	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	9.16E-08	6.01E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	1.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	1.24E-07	8.13E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	1.12E-07	7.34E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	4.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-08	3.46E-07	2.27E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	2.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-08	1.88E-07	1.24E-08	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	2.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	1.90E-07	1.25E-08	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	2.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	2.09E-07	1.37E-08	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	2.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-08	2.18E-07	1.43E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-2.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-08	-1.80E-07	-1.18E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	2.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	1.62E-09	1.06E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-08	-1.08E-07	-7.11E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	1.27E-08	8.33E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-6.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.30E-09	-5.40E-08	-3.54E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-2.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-10	-1.77E-09	-1.16E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-6.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.41E-10	-4.88E-09	-3.20E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-3.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-10	-2.47E-09	-1.62E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	1.12E-07	7.34E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	1.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-08	1.59E-07	1.04E-08	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	1.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-08	1.11E-07	7.26E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	2.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-09	2.17E-08	1.43E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	-9.11E-08	-5.98E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	8.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	6.91E-10	4.53E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	6.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-11	5.18E-10	3.40E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	7.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	5.96E-10	3.91E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	1.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	1.07E-09	7.00E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	1.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	1.05E-09	6.89E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	1.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-10	1.46E-09	9.55E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	1.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-10	1.37E-09	8.98E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-10	1.40E-09	9.15E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	8.77E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	7.08E-10	4.65E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	8.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	7.04E-10	4.62E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	1.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-10	8.73E-10	5.73E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	6.68E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-11	5.40E-10	3.54E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-5.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-10	-4.54E-09	-2.98E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	1.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	8.29E-10	5.44E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	2.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	1.88E-09	1.24E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	9.29E-08	6.09E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	7.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	6.31E-08	4.14E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	3.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-09	3.10E-08	2.04E-09	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-7.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	-6.09E-08	-4.00E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-8.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	-7.17E-08	-4.71E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	2.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	1.78E-07	1.16E-08	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	9.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	7.30E-08	4.79E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	1.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	1.18E-08	7.77E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-09	1.27E-08	8.30E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	4.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-10	3.78E-09	2.48E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	6.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	5.01E-09	3.29E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	8.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	6.74E-09	4.42E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	8.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	7.26E-08	4.76E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	3.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-08	2.48E-07	1.62E-08	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	3.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-08	2.53E-07	1.66E-08	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	2.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-08	2.35E-07	1.54E-08	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	5.01E-08	3.29E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-6.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-10	-5.05E-09	-3.32E-10	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	1.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-09	1.12E-08	7.37E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-08	9.07E-08	5.95E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	2.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-09	2.21E-08	1.45E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	9.42E-09	6.18E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	1.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-09	1.45E-08	9.49E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-09	1.13E-08	7.40E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	3.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-09	2.77E-08	1.82E-09	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	6.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.00E-10	5.23E-09	3.43E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	3.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.72E-09	2.74E-08	1.80E-09	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	3.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-09	2.58E-08	1.69E-09	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	5.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.33E-09	4.84E-08	3.17E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	1.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	1.15E-08	7.57E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	6.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-10	5.18E-09	3.40E-10	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	6.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-09	4.92E-08	3.23E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	9.81E-09	6.43E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-2.03E-06	-6.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.42E-07	-2.92E-08	-6.39E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-1.20E-06	-3.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-07	-1.73E-08	-3.78E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	9.93E-07	3.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-07	1.43E-08	3.13E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.02E-06	3.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-07	1.47E-08	3.21E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	4.14E-07	1.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	5.96E-09	1.30E-10	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	4.58E-08	1.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	6.59E-10	1.44E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-5.03E-07	-1.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-07	-7.24E-09	-1.58E-10	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.36E-06	-4.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-07	-1.96E-08	-4.28E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.26E-06	7.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-07	3.25E-08	7.12E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.10E-06	6.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-07	3.02E-08	6.61E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.25E-06	7.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-07	3.24E-08	7.09E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.87E-06	9.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-07	4.13E-08	9.04E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.61E-06	1.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	8.08E-08	1.77E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.48E-05	4.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-06	2.13E-07	4.66E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.08E-05	3.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-06	1.56E-07	3.40E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	9.91E-06	3.28E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-06	1.43E-07	3.12E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.10E-05	3.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-06	1.58E-07	3.46E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.14E-05	3.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-06	1.64E-07	3.59E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.20E-05	1.06E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-05	4.61E-07	1.01E-08	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.94E-05	6.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-06	2.79E-07	6.11E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.61E-05	8.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-06	3.76E-07	8.22E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.44E-05	8.07E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.71E-06	3.51E-07	7.68E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.14E-05	2.36E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-05	1.03E-06	2.25E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.91E-05	1.29E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-05	5.63E-07	1.23E-08	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.95E-05	1.31E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-05	5.69E-07	1.24E-08	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.38E-05	1.45E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-05	6.31E-07	1.38E-08	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.71E-05	1.56E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-05	6.78E-07	1.48E-08	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.65E-05	-1.21E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-05	-5.26E-07	-1.15E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	9.98E-07	3.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	1.44E-08	3.14E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.14E-05	-7.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.77E-06	-3.08E-07	-6.74E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	3.05E-06	1.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-07	4.39E-08	9.61E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.04E-05	-3.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-06	-1.50E-07	-3.28E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	8.79E-07	2.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-07	1.27E-08	2.77E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.30E-06	-4.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-07	-1.87E-08	-4.09E-10	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.61E-09	-2.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-09	-1.24E-10	-2.71E-12	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.42E-05	8.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.65E-06	3.48E-07	7.62E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.34E-05	1.11E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-05	4.81E-07	1.05E-08	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.41E-05	7.97E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-06	3.47E-07	7.59E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	6.49E-06	2.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-06	9.34E-08	2.04E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.73E-05	-5.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-06	-2.49E-07	-5.45E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.61E-07	5.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-08	2.32E-09	5.07E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.18E-07	3.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	1.70E-09	3.72E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.43E-07	4.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-08	2.06E-09	4.50E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.52E-07	8.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.97E-08	3.63E-09	7.94E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.57E-07	8.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-08	3.70E-09	8.09E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.74E-07	1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	5.39E-09	1.18E-10	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.74E-07	1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	5.39E-09	1.18E-10	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.81E-07	1.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	5.49E-09	1.20E-10	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.84E-07	1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	5.53E-09	1.21E-10	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.66E-07	5.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-08	2.39E-09	5.23E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.01E-07	6.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-08	2.89E-09	6.33E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.63E-07	5.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-08	2.35E-09	5.13E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.18E-06	-3.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	-1.70E-08	-3.72E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.34E-07	7.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-08	3.37E-09	7.37E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.47E-07	1.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-07	6.44E-09	1.41E-10	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.01E-05	6.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-06	2.89E-07	6.33E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.31E-05	4.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-06	1.89E-07	4.13E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	6.46E-06	2.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-06	9.30E-08	2.03E-09	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.14E-05	-3.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.60E-06	-1.64E-07	-3.59E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.35E-05	-4.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-06	-1.94E-07	-4.25E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.68E-05	1.22E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-05	5.30E-07	1.16E-08	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.52E-05	5.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-06	2.19E-07	4.79E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.57E-06	8.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-07	3.70E-08	8.09E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.73E-06	9.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-07	3.93E-08	8.60E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	7.74E-07	2.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-07	1.11E-08	2.44E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.07E-06	3.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-07	1.54E-08	3.37E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.38E-06	4.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-07	1.99E-08	4.35E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.57E-05	5.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-06	2.26E-07	4.94E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.08E-05	1.68E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-05	7.31E-07	1.60E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.21E-05	1.72E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-05	7.50E-07	1.64E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	4.83E-05	1.60E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-05	6.95E-07	1.52E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	1.02E-05	3.37E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-06	1.47E-07	3.21E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.83E-07	-6.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.79E-08	-2.64E-09	-5.76E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.38E-06	1.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	4.87E-08	1.06E-09	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.90E-05	6.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-06	2.74E-07	5.98E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.78E-06	1.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-06	6.88E-08	1.51E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.07E-06	6.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-07	2.98E-08	6.52E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.17E-06	1.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-06	4.56E-08	9.98E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.47E-06	8.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-07	3.56E-08	7.78E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	5.93E-06	1.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-06	8.54E-08	1.87E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.09E-06	3.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-07	1.57E-08	3.43E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	5.84E-06	1.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-06	8.41E-08	1.84E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.42E-06	1.79E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-06	7.80E-08	1.71E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	9.94E-06	3.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-06	1.43E-07	3.13E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	2.34E-06	7.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-07	3.37E-08	7.37E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.11E-06	3.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-07	1.60E-08	3.50E-10	0.00E+00
263	900	935	18540299	Cr(VI)	8.21E-06	2.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-06	1.18E-07	2.59E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.00E-06	6.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-07	2.88E-08	6.30E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-2.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-11	-2.57E-10	-8.43E-12	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-1.37E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-11	-1.18E-10	-3.88E-12	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	3.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-11	3.23E-10	1.06E-11	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	4.19E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-11	3.62E-10	1.19E-11	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	3.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-11	2.82E-10	9.24E-12	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	5.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-11	4.92E-10	1.61E-11	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	1.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	1.01E-09	3.32E-11	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	7.87E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-11	6.80E-10	2.23E-11	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	2.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-10	1.81E-09	5.95E-11	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	1.32E-09	4.33E-11	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	1.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-10	1.09E-09	3.58E-11	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	1.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	1.17E-09	3.85E-11	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	2.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-10	2.08E-09	6.83E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	4.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	4.14E-09	1.36E-10	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	3.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-10	3.18E-09	1.04E-10	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	3.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-10	2.99E-09	9.80E-11	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	3.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	3.26E-09	1.07E-10	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-10	3.35E-09	1.10E-10	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	9.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-10	8.35E-09	2.74E-10	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	6.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-10	5.80E-09	1.90E-10	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.41E-10	7.91E-09	2.59E-10	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-10	8.86E-09	2.91E-10	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	2.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	1.90E-08	6.24E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	1.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	1.13E-08	3.70E-10	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	1.13E-08	3.72E-10	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	1.21E-08	3.97E-10	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	1.23E-08	4.02E-10	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-8.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.73E-10	-7.27E-09	-2.39E-10	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	1.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	1.34E-09	4.39E-11	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-4.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-10	-4.14E-09	-1.36E-10	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	1.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	1.18E-09	3.89E-11	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-2.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-10	-2.05E-09	-6.71E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	2.48E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-11	2.15E-10	7.04E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	8.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.02E-11	7.54E-10	2.47E-11	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	1.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-10	1.20E-09	3.94E-11	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	7.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-10	6.17E-09	2.02E-10	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	9.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-10	8.47E-09	2.78E-10	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	9.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-10	8.64E-09	2.83E-10	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	3.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-10	2.64E-09	8.67E-11	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-4.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-10	-3.52E-09	-1.16E-10	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	8.15E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-12	7.05E-11	2.31E-12	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	5.91E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-12	5.12E-11	1.68E-12	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	7.75E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-12	6.71E-11	2.20E-12	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	1.37E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	1.19E-10	3.89E-12	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	1.49E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-11	1.29E-10	4.23E-12	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	2.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-11	1.81E-10	5.95E-12	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	2.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-11	2.08E-10	6.82E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	2.76E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-11	2.39E-10	7.84E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	2.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-11	2.14E-10	7.01E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	9.62E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.85E-12	8.32E-11	2.73E-12	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	1.13E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-11	9.79E-11	3.21E-12	1.66E-12

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	1.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-11	1.19E-10	3.90E-12	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	8.49E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-11	7.34E-10	2.41E-11	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	1.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	1.28E-10	4.18E-12	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	3.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-11	2.79E-10	9.15E-12	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	7.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-10	6.32E-09	2.07E-10	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-10	3.35E-09	1.10E-10	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	2.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	1.79E-09	5.88E-11	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-2.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-10	-2.23E-09	-7.32E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-2.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-10	-2.45E-09	-8.03E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	9.60E-09	3.15E-10	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	4.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-10	4.28E-09	1.41E-10	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	1.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-11	9.18E-10	3.01E-11	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	1.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	9.91E-10	3.25E-11	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	3.03E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-11	2.62E-10	8.59E-12	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	5.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-11	4.97E-10	1.63E-11	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	5.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-11	4.48E-10	1.47E-11	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	5.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-10	5.02E-09	1.65E-10	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	1.29E-08	4.24E-10	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	1.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	1.35E-08	4.42E-10	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	1.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	1.18E-08	3.86E-10	2.00E-10
336	1142	615	7439921	Lead	0.0000117	3.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-10	2.86E-09	9.40E-11	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	8.24E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.58E-11	7.12E-10	2.34E-11	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	1.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-10	1.60E-09	5.24E-11	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	6.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-10	5.24E-09	1.72E-10	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	1.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	1.54E-09	5.07E-11	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	8.49E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-11	7.34E-10	2.41E-11	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	1.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	1.08E-09	3.55E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	9.99E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-11	8.64E-10	2.83E-11	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	2.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-10	1.87E-09	6.14E-11	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	4.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-11	3.82E-10	1.25E-11	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	2.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-10	1.90E-09	6.23E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	1.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	1.65E-09	5.40E-11	2.80E-11
348	1577	291	7439921	Lead	0.0000109	3.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	2.67E-09	8.75E-11	4.53E-11
349	2400	240	7439921	Lead	0.00000286	8.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-11	7.00E-10	2.30E-11	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	4.19E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-11	3.62E-10	1.19E-11	6.15E-12
351	900	935	7439921	Lead	0.0000112	3.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-10	2.74E-09	8.99E-11	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	8.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-11	7.05E-10	2.31E-11	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000287	-1.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000163	-9.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000162	9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000168	9.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000552	3.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000265	-1.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000172	-9.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.70E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000288	-1.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000231	1.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000236	1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000268	1.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000354	2.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.000067	3.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000198	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000143	8.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.00013	7.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000147	8.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000153	8.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000441	2.49E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000261	1.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000349	1.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000315	1.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000977	5.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000527	2.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000533	3.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000598	3.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000655	3.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000521	-2.94E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.00000578	3.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000305	-1.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000398	2.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000146	-8.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.24E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000169	9.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000295	-1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000986	-5.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.56E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000338	1.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.62E-04	2.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000312	1.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000873	4.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00024	-1.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000201	1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000147	8.29E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000174	9.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.81E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000307	1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000308	1.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.0000046	2.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000442	2.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000424	2.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000507	2.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000197	1.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000239	1.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000169	9.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000271	-1.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-08	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000281	1.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-09	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000478	2.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000268	1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000181	1.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000878	4.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000159	-8.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.97E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000191	-1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-07	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000506	2.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000207	1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000334	1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000353	1.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00001	5.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000127	7.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.000018	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000209	1.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.0007	3.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000715	4.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000671	3.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000137	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.00000662	-3.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000435	2.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000259	1.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000635	3.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000027	1.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000416	2.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000322	1.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000791	4.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.000014	7.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000773	4.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000724	4.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000136	7.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000031	1.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000146	8.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000996	5.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000255	1.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0135	9.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.20E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0176	1.20E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0428	2.92E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0489	3.33E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0126	8.59E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.59E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.00425	-2.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0413	-2.82E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-05	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0691	-4.71E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00421	2.87E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00264	-1.80E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0122	-8.32E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.32E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-9.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.95E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.077	-5.25E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.25E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0427	-2.91E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0313	-2.13E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0181	-1.23E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-05	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00999	-6.81E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.81E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00575	-3.92E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.013	8.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	-0.000179	-1.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-07	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00894	-6.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.10E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00814	-5.55E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0216	-1.47E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0122	-8.32E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.32E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00428	-2.92E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0296	2.02E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0987	6.73E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.73E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0725	-4.94E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.94E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.123	-8.39E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.39E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.121	-8.25E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0258	-1.76E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0108	7.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0631	4.30E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0736	-5.02E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.042	-2.86E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.86E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.00107	-7.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.30E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0122	8.32E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.0075	-5.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.11E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.058	3.95E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0893	-6.09E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.09E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000746	-5.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.09E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000533	-3.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.00079	-5.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.39E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00069	-4.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00154	-1.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.0018	-1.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00133	-9.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.07E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.000999	-6.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.81E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00708	4.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000954	-6.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0011	-7.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.50E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00121	-8.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.068	-4.64E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.0000874	-5.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-08	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00501	-3.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000837	5.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0116	-7.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.91E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.000438	-2.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-07	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0521	-3.55E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.55E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.103	-7.02E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.02E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0109	-7.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.43E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00852	-5.81E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00279	-1.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00323	-2.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000971	-6.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.62E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00703	-4.79E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.79E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00167	-1.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-06	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.0046	-3.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.14E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.015	-1.02E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-05	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0182	-1.24E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-05	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-9.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.68E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00218	-1.49E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0255	-1.74E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.000142	-9.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.68E-08	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00648	-4.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00452	-3.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00285	-1.94E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00368	-2.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00291	-1.98E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00387	-2.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00164	-1.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00401	-2.73E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00438	-2.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00401	-2.73E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00197	-1.34E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-06	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000658	-4.49E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.49E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00835	-5.69E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.69E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00264	-1.80E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00126	4.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00121	4.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00168	6.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00191	7.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00164	6.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00514	1.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00634	2.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00406	1.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00569	2.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00374	1.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00228	8.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00177	6.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000269	-1.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000646	2.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	3.94E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00122	4.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00151	5.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00338	1.26E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00565	2.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00969	3.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	7.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00687	2.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00702	2.61E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00687	2.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00646	2.40E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00649	2.41E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.0035	1.30E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00255	9.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000727	2.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000614	2.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00197	7.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.0017	6.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00436	1.62E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00517	1.92E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000402	1.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00155	5.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0163	6.06E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00531	1.97E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000504	1.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000125	4.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000781	2.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000116	4.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000249	9.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000275	1.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000396	1.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000572	2.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000686	2.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.00086	3.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000169	6.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000199	7.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000465	1.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00427	1.59E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	1.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000856	3.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	2.97E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000857	3.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000245	9.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00111	4.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00169	6.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00382	1.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00291	1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	5.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	5.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	1.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000428	1.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00693	2.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00161	5.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00394	1.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000604	-2.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	3.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00391	1.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	1.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00375	1.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	7.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	4.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	6.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	5.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	8.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	1.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	9.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.0014	5.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00108	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000489	1.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	1.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	3.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000833	3.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00224	1.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00245	1.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00419	2.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00479	2.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00399	2.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0126	7.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0153	9.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00919	5.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	8.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.62E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00894	5.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00516	3.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00377	2.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.0013	8.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.06E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00252	-1.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000531	-3.29E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00141	8.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00185	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00268	1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00671	4.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0222	1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0498	3.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0109	6.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0123	7.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0113	7.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00997	6.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0115	7.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.34E-03	2.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	4.26E-04	2.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-5.11E-03	-3.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.12E-03	-1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.76E-03	1.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	4.16E-03	2.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.00E-02	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	7.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00186	-1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.76E-03	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.87E-02	2.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.53E-03	5.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00439	-2.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.73E-04	1.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000168	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000247	1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000561	3.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000604	3.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.00084	5.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.0013	8.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.06E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00161	9.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00205	1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000379	2.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000449	2.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.08E-03	6.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00983	6.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.82E-04	6.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000945	5.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00127	-7.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000981	-6.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.08E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000776	-4.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00738	4.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00591	3.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	2.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	2.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000651	4.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00239	1.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000951	5.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.89E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	9.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000545	3.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00595	3.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00484	-3.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00175	1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00812	5.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	6.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00836	5.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00474	2.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	1.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	2.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00563	3.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	6.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00577	3.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00312	1.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00197	1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	6.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000959	5.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00189	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0111	-6.88E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.88E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00669	-4.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.15E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000768	4.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00132	8.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000616	-3.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000635	3.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00299	-1.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-07	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00996	-6.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.17E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00124	-7.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.69E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00305	-1.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-07	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00547	-3.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00749	-4.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0173	-1.07E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0314	-1.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.021	-1.30E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0153	-9.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0146	-9.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.013	-8.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.06E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0203	-1.26E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0146	-9.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.021	-1.30E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00894	-5.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0762	-4.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0634	-3.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.93E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0714	-4.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.43E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0753	-4.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0563	-3.49E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0672	-4.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.17E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0746	-4.62E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0881	-5.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0464	-2.88E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0266	-1.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.000313	-1.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-8.80E-03	-5.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.45E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.85E-03	-4.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.64E-02	-2.26E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.63E-02	-1.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.54E-02	-9.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.55E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.77E-02	-3.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-4.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.46E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.29E-04	-2.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.09E-04	-1.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.66E-04	-2.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.89E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-6.61E-04	-4.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.10E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-8.98E-04	-5.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.57E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.67E-03	-1.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.37E-03	-8.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.49E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-9.96E-04	-6.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.17E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-7.98E-04	-4.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.44E-04	-2.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.90E-04	-3.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-7.68E-04	-4.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-8.19E-03	-5.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-7.88E-04	-4.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.88E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.93E-03	-1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-07	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.90E-02	-1.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-06	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.48E-02	-9.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.39E-02	-1.48E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.75E-02	-2.94E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.29E-02	-3.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.90E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.55E-02	-1.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.59E-02	-9.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.86E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.46E-03	-9.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.70E-03	-1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-6.95E-04	-4.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.16E-03	-1.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.26E-03	-7.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.18E-02	-7.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.31E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.35E-02	-2.70E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.76E-02	-2.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.29E-02	-2.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.04E-02	-6.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-1.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.38E-02	-8.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.55E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.07E-02	-6.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.63E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.32E-03	-2.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.98E-03	-1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.67E-03	-1.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.84E-03	-1.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.33E-03	-2.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.01E-03	-6.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.04E-03	-1.88E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.93E-03	-2.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.79E-03	-5.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.45E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.13E-03	-1.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.65E-04	-5.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.33E-03	-4.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.54E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.89E-03	-1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.57E-03	-1.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.24E-03	-1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-08	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-9.92E-05	-5.35E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.35E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	2.08E-05	1.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.06E-04	-2.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-9.86E-04	-5.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.32E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-2.14E-03	-1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.78E-03	-2.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.49E-03	-8.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.04E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.65E-03	-8.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.90E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.09E-03	-1.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.59E-03	-1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00541	-2.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00941	-5.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.07E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00641	-3.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.0048	-2.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.59E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00461	-2.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00419	-2.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00675	-3.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00548	-2.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00818	-4.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.41E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00671	-3.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0242	-1.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0204	-1.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0228	-1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0238	-1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0181	-9.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0229	-1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0265	-1.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.014	-7.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.55E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00836	-4.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000427	-2.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00349	-1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-08	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00307	-1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.011	-5.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.93E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00819	-4.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.0078	-4.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.21E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0183	-9.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.87E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000153	-8.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.000108	-5.82E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.82E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000162	-8.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.74E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000247	-1.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-09	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000323	-1.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000579	-3.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000524	-2.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000433	-2.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000408	-2.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000166	-8.95E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000186	-1.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-09	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000321	-1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-3.29E-03	-1.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-08	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.20E-04	-1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.47E-04	-4.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.27E-03	-3.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00461	-2.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00722	-3.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.89E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0145	-7.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.82E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0192	-1.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00839	-4.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.52E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.34E-03	-2.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.28E-04	-3.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.93E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000808	-4.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000264	-1.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00116	-6.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.00046	-2.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00489	-2.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0134	-7.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.23E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0151	-8.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.14E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-6.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.90E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00332	-1.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00639	-3.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00507	-2.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00395	-2.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.0017	-9.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000831	-4.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00114	-6.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.15E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000834	-4.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.50E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.47E-03	-7.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.93E-04	-2.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00139	-7.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.50E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00145	-7.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.82E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00285	-1.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.34E-04	-3.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.41E-04	-1.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.39E-03	-1.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000731	-3.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00796	1.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00802	1.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0122	1.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0139	1.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0118	1.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.037	4.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0453	5.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0282	3.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0408	5.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	3.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0158	2.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.006	7.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00344	-4.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00248	3.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00606	7.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00725	9.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00948	1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.22E-02	2.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0391	5.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0676	8.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.80E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	1.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.15E-02	5.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.40E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0439	5.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.20E-02	5.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.87E-02	5.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0409	5.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0183	2.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0106	1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00388	-5.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000382	-4.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0114	1.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0122	1.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0305	3.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0365	4.75E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000873	-1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00846	1.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	1.50E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0323	4.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00381	-4.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000853	1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.00053	6.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.90E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000783	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.73E-03	2.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00188	2.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00267	3.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00398	5.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00483	6.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00611	7.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.17E-03	1.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00138	1.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00326	4.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0299	3.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00298	3.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00596	7.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.76E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	7.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00464	6.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000712	-9.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.0031	4.0353E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0353E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00565	7.3546E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3546E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0248	3.2282E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2282E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0193	2.5123E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5123E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	1.3798E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3798E-07	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	1.4058E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4058E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	2.5904E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5904E-08	0	0	0

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00741	9.6456E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6456E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00295	3.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	6.3263E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3263E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00708	9.216E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.216E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0234	3.046E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.046E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00878	-1.1429E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1429E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00644	8.383E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.383E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	3.4105E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4105E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	4.2566E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2566E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0259	3.3714E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3714E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	1.8745E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8745E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00855	1.113E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.113E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	1.5881E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5881E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	1.3277E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3277E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	2.1999E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1999E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	4.1785E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1785E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	2.2519E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2519E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00964	1.2548E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2548E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00687	8.9427E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9427E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.0033	4.2956E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2956E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00292	3.801E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.801E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00646	8.409E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.409E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	7.5499E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5499E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000576	-4.2845E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2845E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000241	-1.7926E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7926E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000467	3.4737E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4737E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000566	4.2101E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2101E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000347	2.5811E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5811E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00125	9.2979E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2979E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00129	9.5954E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5954E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000187	1.391E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.391E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00127	9.4466E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4466E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000659	4.9018E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9018E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000114	8.4797E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4797E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000168	-1.2496E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2496E-08	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00112	-8.3309E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.3309E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00251	-1.867E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.867E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00151	-1.1232E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1232E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000963	-7.1631E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1631E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000868	-6.4564E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.4564E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000673	-5.006E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.006E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000803	-5.973E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.973E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000201	1.4951E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4951E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00067	4.9837E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9837E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00425	3.1613E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1613E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00442	-3.2877E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2877E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00336	-2.4993E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4993E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00403	-2.9976E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9976E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00444	-3.3026E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3026E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00292	-2.172E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.172E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00451	-3.3547E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3547E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00533	-3.9646E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9646E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00684	-5.0878E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0878E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00355	-2.6406E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6406E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00164	-1.2199E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2199E-07	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000386	2.8712E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8712E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000352	2.6183E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6183E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000701	5.2142E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2142E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00281	-2.0902E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0902E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00172	-1.2794E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2794E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00269	2.0009E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0009E-07	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00331	-2.4621E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4621E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-4.1729E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1729E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.0000041	-3.0497E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0497E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000576	-4.2845E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2845E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000923	-6.8655E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8655E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000754	5.6085E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6085E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000524	-3.8977E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8977E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000379	-2.8191E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8191E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000287	2.1348E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1348E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000862	6.4118E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4118E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000144	1.0711E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0711E-08	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000533	3.9646E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9646E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000892	6.635E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.635E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000509	3.7861E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7861E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000377	2.8042E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8042E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000398	2.9604E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9604E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000525	3.9051E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9051E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000408	3.0348E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0348E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000973	-7.2375E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2375E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00185	-1.3761E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3761E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00351	-2.6108E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6108E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00461	-3.4291E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4291E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00111	-8.2565E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.2565E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000565	-4.2026E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2026E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000244	1.8149E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8149E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000234	1.7406E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7406E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000014	1.0414E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0414E-09	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000749	5.5713E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5713E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000316	2.3505E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3505E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000733	5.4523E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4523E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00308	-2.291E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.291E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00284	-2.1125E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1125E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-2.6555E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6555E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.000575	-4.277E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.277E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000553	-4.1134E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1134E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000454	3.377E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.377E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000489	3.6373E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6373E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000155	1.1529E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1529E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000136	1.0116E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0116E-08	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000205	1.5249E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5249E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000203	1.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000314	2.3356E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3356E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000309	2.2984E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2984E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000348	2.5885E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5885E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000241	1.7926E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7926E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000439	-3.2654E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2654E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000515	-3.8307E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8307E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.000032	2.3803E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3803E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000342	-2.5439E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5439E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000502	3.734E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.734E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00977	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0149	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00489	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.000379	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0111	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0175	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0128	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0115	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.011	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 2:03:27 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_00-30_OpsOnly_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0139	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0177	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0779	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.055	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0512	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0601	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0645	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.196	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.114	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.15	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.136	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.422	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.226	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.229	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.263	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.303	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.232	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00306	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.131	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.019	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0603	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0175	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0201	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00562	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.157	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.206	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.135	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0499	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0962	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000899	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000637	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000776	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00136	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00222	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00217	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00197	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000842	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.001	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000808	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0184	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00143	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00182	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.08	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0382	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0628	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0777	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.221	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.09	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0144	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.015	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00403	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00485	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00734	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0919	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.304	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.31	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.293	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0577	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0007	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0243	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.028	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0184	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0142	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0346	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00567	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0334	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0311	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0583	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0127	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00632	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0249	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0101	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

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INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	1.15E-07	8.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	5.40E-10	8.02E-11	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	2.62E-07	1.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-10	1.23E-09	1.83E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	2.17E-07	1.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-10	1.02E-09	1.51E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	1.29E-07	9.02E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-10	6.06E-10	9.00E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	8.48E-08	5.93E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-10	3.98E-10	5.92E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	6.43E-08	4.50E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	3.02E-10	4.49E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	6.16E-08	4.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.86E-11	2.89E-10	4.30E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	1.98E-07	1.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-10	9.30E-10	1.38E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.81E-07	3.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-10	2.26E-09	3.36E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	4.05E-07	2.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-10	1.90E-09	2.83E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	3.62E-07	2.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-10	1.70E-09	2.53E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	4.01E-07	2.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-10	1.88E-09	2.80E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.46E-07	5.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	3.50E-09	5.20E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.58E-06	1.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-09	7.42E-09	1.10E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.18E-06	8.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-09	5.54E-09	8.23E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.06E-06	7.41E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	4.98E-09	7.40E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.14E-06	7.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-09	5.35E-09	7.95E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.15E-06	8.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	5.40E-09	8.02E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.05E-06	2.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-09	1.43E-08	2.13E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.85E-06	1.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-09	8.69E-09	1.29E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.49E-06	1.74E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-09	1.17E-08	1.74E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.31E-06	1.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-09	1.08E-08	1.61E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	7.12E-06	4.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	3.34E-08	4.97E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.27E-06	2.99E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-09	2.01E-08	2.98E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.56E-06	3.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.30E-09	2.14E-08	3.18E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	5.26E-06	3.68E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.42E-09	2.47E-08	3.67E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.87E-06	4.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-09	2.76E-08	4.10E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-1.72E-06	-1.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-09	-8.08E-09	-1.20E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	2.07E-06	1.45E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	9.72E-09	1.44E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-6.56E-08	-4.59E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-10	-3.08E-10	-4.58E-11	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	5.52E-07	3.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-10	2.59E-09	3.85E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-3.33E-07	-2.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.33E-10	-1.56E-09	-2.32E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	7.06E-07	4.94E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	3.32E-09	4.93E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.10E-07	7.69E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-10	5.17E-10	7.67E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	3.46E-07	2.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-10	1.62E-09	2.41E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.26E-06	1.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-09	1.06E-08	1.58E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.17E-06	2.22E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.07E-09	1.49E-08	2.21E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.36E-06	1.65E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	1.11E-08	1.65E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	2.26E-06	1.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-09	1.06E-08	1.58E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-1.06E-06	-7.41E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-09	-4.98E-09	-7.40E-10	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	2.99E-08	2.09E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-11	1.40E-10	2.09E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	2.12E-08	1.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-11	9.95E-11	1.48E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	2.86E-08	2.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-11	1.34E-10	2.00E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	4.24E-08	2.97E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.79E-11	1.99E-10	2.96E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	6.25E-08	4.37E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	2.93E-10	4.36E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	8.60E-08	6.01E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-10	4.04E-10	6.00E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	1.01E-07	7.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-10	4.74E-10	7.05E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	8.24E-08	5.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	3.87E-10	5.75E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	7.32E-08	5.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	3.44E-10	5.11E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	3.86E-08	2.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-11	1.81E-10	2.69E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	4.17E-08	2.92E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-11	1.96E-10	2.91E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	3.11E-08	2.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-11	1.46E-10	2.17E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	1.04E-07	7.27E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-10	4.88E-10	7.26E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.70E-08	3.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-11	2.21E-10	3.28E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	8.00E-08	5.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-10	3.76E-10	5.58E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.28E-06	1.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-09	1.07E-08	1.59E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.36E-06	9.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-09	6.39E-09	9.49E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	8.06E-07	5.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	3.78E-09	5.62E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-8.27E-07	-5.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	-3.88E-09	-5.77E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	4.63E-08	3.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.41E-11	2.17E-10	3.23E-11	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.60E-06	2.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-09	1.69E-08	2.51E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.54E-06	1.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-09	7.23E-09	1.07E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.62E-07	1.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-10	1.23E-09	1.83E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.75E-07	1.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	1.29E-09	1.92E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.78E-08	6.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-10	4.12E-10	6.13E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.56E-07	1.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-10	7.33E-10	1.09E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.49E-07	1.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-10	7.00E-10	1.04E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.63E-06	1.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-09	7.65E-09	1.14E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.90E-06	3.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-09	2.30E-08	3.42E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.06E-06	3.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-09	2.38E-08	3.53E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.65E-06	3.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-09	2.18E-08	3.24E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.03E-06	7.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	4.84E-09	7.19E-10	0.00E+00
73	-333	-788	7440382	Arsenic	6.17E-07	4.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.88E-10	2.90E-09	4.30E-10	0.00E+00
74	-42	-825	7440382	Arsenic	8.94E-07	6.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	4.20E-09	6.24E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.87E-06	1.31E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	8.78E-09	1.30E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.04E-07	3.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-10	2.37E-09	3.52E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.25E-07	1.57E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-10	1.06E-09	1.57E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.37E-07	2.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-10	1.58E-09	2.35E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.63E-07	1.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-10	1.24E-09	1.83E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.99E-07	4.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.59E-10	2.81E-09	4.18E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.19E-07	8.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	5.59E-10	8.30E-11	0.00E+00
82	2577	-940	7440382	Arsenic	5.74E-07	4.01E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-10	2.70E-09	4.00E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.35E-07	3.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-10	2.51E-09	3.73E-10	0.00E+00
84	1577	291	7440382	Arsenic	9.81E-07	6.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	4.61E-09	6.84E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.47E-07	1.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-10	1.16E-09	1.72E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.17E-07	8.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-10	5.49E-10	8.16E-11	0.00E+00
87	900	935	7440382	Arsenic	1.02E-06	7.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-09	4.79E-09	7.12E-10	0.00E+00
88	1375	1395	7440382	Arsenic	2.28E-07	1.59E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-10	1.07E-09	1.59E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	5.72E-07	1.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	6.90E-07	1.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	3.32E-07	6.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-10	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	2.04E-07	4.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-10	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	1.36E-07	2.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	1.53E-07	3.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	2.06E-07	4.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-10	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	5.23E-07	1.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	5.87E-07	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.22E-07	8.44E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.44E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	2.69E-07	5.38E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.18E-07	4.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	1.83E-07	3.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.54E-07	3.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.43E-07	2.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.30E-07	2.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.19E-07	2.38E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.15E-07	2.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-10	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	8.77E-08	1.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	8.96E-08	1.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-10	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	1.02E-07	2.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-10	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	1.85E-07	3.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	5.40E-07	1.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	9.34E-07	1.87E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.36E-06	2.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	1.89E-06	3.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	2.60E-06	5.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	2.93E-06	5.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.31E-06	6.62E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.34E-06	6.68E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	4.91E-07	9.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.82E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	1.17E-06	2.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.20E-06	2.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-09	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	3.34E-07	6.68E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	6.39E-07	1.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-09	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	1.03E-07	2.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-10	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	9.12E-08	1.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-10	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	3.02E-07	6.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	2.96E-06	5.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	1.18E-06	2.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.65E-08	5.30E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.79E-08	3.58E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.73E-08	5.46E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	3.49E-08	6.98E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	6.79E-08	1.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-10	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	9.31E-08	1.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-10	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	1.19E-07	2.38E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	8.92E-08	1.78E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-10	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	9.61E-08	1.92E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-10	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	4.01E-08	8.02E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.02E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.99E-08	7.98E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.98E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	3.33E-08	6.66E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	3.13E-07	6.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	4.98E-08	9.97E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	6.98E-08	1.40E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	7.43E-07	1.49E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-09	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	2.06E-07	4.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	3.20E-07	6.40E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-10	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	5.94E-07	1.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.35E-06	4.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	1.94E-07	3.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.74E-07	3.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	4.87E-08	9.74E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.28E-08	8.56E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	2.20E-08	4.40E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	9.42E-08	1.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-10	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.75E-08	5.50E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.32E-07	6.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	7.73E-08	1.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-10	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.62E-07	3.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	6.55E-08	1.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	8.14E-08	1.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.16E-06	2.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.09E-06	2.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-09	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.50E-07	3.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.15E-07	2.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-10	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	6.66E-08	1.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-10	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	8.65E-08	1.73E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	6.81E-08	1.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-10	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	8.93E-08	1.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-10	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.59E-08	5.18E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	6.10E-08	1.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	4.62E-08	9.24E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	5.59E-08	1.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.34E-08	6.68E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.51E-08	5.02E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	9.45E-08	1.89E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-10	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	5.76E-08	1.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.52E-06	-1.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-07	-2.38E-09	-1.18E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-7.74E-07	-5.39E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.27E-08	-1.21E-09	-6.00E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	9.56E-07	6.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-08	1.50E-09	7.41E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	9.36E-07	6.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-08	1.47E-09	7.26E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	3.98E-07	2.77E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-08	6.23E-10	3.09E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	9.15E-08	6.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-09	1.43E-10	7.09E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-3.55E-07	-2.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-08	-5.56E-10	-2.75E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-9.71E-07	-6.77E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.61E-08	-1.52E-09	-7.53E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.12E-06	1.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	3.32E-09	1.64E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.93E-06	1.34E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	3.02E-09	1.50E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.00E-06	1.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	3.13E-09	1.55E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.50E-06	1.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-07	3.91E-09	1.94E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	4.81E-06	3.35E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-07	7.53E-09	3.73E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.26E-05	8.78E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-07	1.97E-08	9.77E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	9.23E-06	6.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-07	1.44E-08	7.15E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	8.44E-06	5.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-07	1.32E-08	6.54E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	9.37E-06	6.53E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-07	1.47E-08	7.26E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	9.68E-06	6.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.59E-07	1.52E-08	7.50E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.72E-05	1.90E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-06	4.26E-08	2.11E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.65E-05	1.15E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	2.58E-08	1.28E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.21E-05	1.54E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	3.46E-08	1.71E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.07E-05	1.44E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-06	3.24E-08	1.60E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	6.07E-05	4.23E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	9.50E-08	4.71E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.34E-05	2.33E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-06	5.23E-08	2.59E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.39E-05	2.36E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-06	5.31E-08	2.63E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	3.78E-05	2.63E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-06	5.92E-08	2.93E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.08E-05	2.84E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-06	6.39E-08	3.16E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-2.99E-05	-2.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-06	-4.68E-08	-2.32E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	1.99E-06	1.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	3.11E-09	1.54E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.70E-05	-1.18E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-06	-2.66E-08	-1.32E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	2.76E-06	1.92E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	4.32E-09	2.14E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-8.38E-06	-5.84E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.70E-07	-1.31E-08	-6.50E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	1.16E-06	8.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-08	1.82E-09	8.99E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-9.85E-07	-6.86E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.70E-08	-1.54E-09	-7.64E-11	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	2.14E-07	1.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	3.35E-10	1.66E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.05E-05	1.43E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	3.21E-08	1.59E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.83E-05	1.97E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-06	4.43E-08	2.19E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.05E-05	1.43E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	3.21E-08	1.59E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	6.53E-06	4.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-07	1.02E-08	5.06E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.42E-05	-9.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.66E-07	-2.22E-08	-1.10E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.46E-07	1.02E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.93E-09	2.29E-10	1.13E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.06E-07	7.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-09	1.66E-10	8.22E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.30E-07	9.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-09	2.03E-10	1.01E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.26E-07	1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	3.54E-10	1.75E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.41E-07	1.68E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	3.77E-10	1.87E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.49E-07	2.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-08	5.46E-10	2.71E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.58E-07	2.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	5.60E-10	2.78E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.54E-07	2.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	5.54E-10	2.74E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.58E-07	2.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	5.60E-10	2.78E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.55E-07	1.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	2.43E-10	1.20E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.84E-07	1.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	2.88E-10	1.43E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.50E-07	1.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	2.35E-10	1.16E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-8.90E-07	-6.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.06E-08	-1.39E-09	-6.90E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.15E-07	1.50E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	3.37E-10	1.67E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.03E-07	2.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-08	6.31E-10	3.12E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.73E-05	1.21E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	2.71E-08	1.34E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.12E-05	7.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-07	1.75E-08	8.68E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	5.58E-06	3.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-07	8.73E-09	4.33E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-9.45E-06	-6.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.43E-07	-1.48E-08	-7.33E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.06E-05	-7.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.21E-07	-1.66E-08	-8.22E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.13E-05	2.18E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-06	4.90E-08	2.43E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.30E-05	9.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-07	2.03E-08	1.01E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.19E-06	1.53E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	3.43E-09	1.70E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.33E-06	1.62E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	3.65E-09	1.81E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.63E-07	4.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-08	1.04E-09	5.14E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	9.39E-07	6.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-08	1.47E-09	7.28E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.18E-06	8.22E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-08	1.85E-09	9.15E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.34E-05	9.34E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-07	2.10E-08	1.04E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	4.31E-05	3.00E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-06	6.75E-08	3.34E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	4.42E-05	3.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-06	6.92E-08	3.43E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.10E-05	2.86E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-06	6.42E-08	3.18E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	8.67E-06	6.04E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-07	1.36E-08	6.72E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	2.49E-07	1.74E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	3.90E-10	1.93E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.24E-06	2.26E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-07	5.07E-09	2.51E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.61E-05	1.12E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	2.52E-08	1.25E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.09E-06	2.85E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-07	6.40E-09	3.17E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.78E-06	1.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	2.79E-09	1.38E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.71E-06	1.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	4.24E-09	2.10E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.11E-06	1.47E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	3.30E-09	1.64E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	5.06E-06	3.53E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-07	7.92E-09	3.92E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	9.28E-07	6.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-08	1.45E-09	7.19E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.97E-06	3.46E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-07	7.78E-09	3.85E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.61E-06	3.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-07	7.22E-09	3.57E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	8.44E-06	5.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-07	1.32E-08	6.54E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.99E-06	1.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	3.11E-09	1.54E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	9.47E-07	6.60E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.44E-08	1.48E-09	7.34E-11	0.00E+00
263	900	935	18540299	Cr(VI)	6.98E-06	4.86E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-07	1.09E-08	5.41E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.71E-06	1.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-07	2.68E-09	1.33E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	9.39E-06	3.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-11	2.50E-10	1.86E-11	3.90E-11
266	-1778.03	-291.29	7439921	Lead	1.20E-05	4.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-11	3.19E-10	2.37E-11	4.98E-11
267	-1732.28	175.05	7439921	Lead	7.08E-06	2.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-11	1.88E-10	1.40E-11	2.94E-11
268	-1579.43	347.93	7439921	Lead	4.93E-06	1.89E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-11	1.31E-10	9.74E-12	2.05E-11
269	-1525.43	516.64	7439921	Lead	3.41E-06	1.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-11	9.07E-11	6.74E-12	1.42E-11
270	-1332.88	500.04	7439921	Lead	4.44E-06	1.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-11	1.18E-10	8.78E-12	1.84E-11
271	-1140.45	476.3	7439921	Lead	7.19E-06	2.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-11	1.91E-10	1.42E-11	2.99E-11
272	-672.12	353.55	7439921	Lead	1.18E-05	4.52E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-11	3.14E-10	2.33E-11	4.90E-11
273	-169.37	170.38	7439921	Lead	1.68E-05	6.44E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-11	4.47E-10	3.32E-11	6.98E-11
274	-75.04	299.11	7439921	Lead	1.22E-05	4.68E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-11	3.25E-10	2.41E-11	5.07E-11
275	49.15	527.2	7439921	Lead	8.62E-06	3.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-11	2.29E-10	1.70E-11	3.58E-11
276	144.22	648.15	7439921	Lead	7.97E-06	3.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-11	2.12E-10	1.58E-11	3.31E-11
277	394.15	623.31	7439921	Lead	1.05E-05	4.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-11	2.79E-10	2.08E-11	4.36E-11
278	501.62	717.12	7439921	Lead	1.71E-05	6.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-11	4.55E-10	3.38E-11	7.10E-11
279	618.47	665.12	7439921	Lead	1.36E-05	5.21E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-11	3.62E-10	2.69E-11	5.65E-11
280	755.45	579.13	7439921	Lead	1.26E-05	4.83E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-11	3.35E-10	2.49E-11	5.23E-11
281	867.79	485.41	7439921	Lead	1.34E-05	5.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-11	3.57E-10	2.65E-11	5.57E-11
282	955.03	377.6	7439921	Lead	0.0000137	5.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-11	3.65E-10	2.71E-11	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000305	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-10	8.12E-10	6.03E-11	1.27E-10
284	1406.74	-290.13	7439921	Lead	0.0000217	8.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	5.77E-10	4.29E-11	9.01E-11
285	1456.2	-436.06	7439921	Lead	0.0000292	1.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	7.77E-10	5.77E-11	1.21E-10
286	1209.21	-528.32	7439921	Lead	0.000034	1.30E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	9.05E-10	6.72E-11	1.41E-10
287	913.01	-694.67	7439921	Lead	0.0000755	2.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-10	2.01E-09	1.49E-10	3.14E-10
288	717.24	-664.22	7439921	Lead	0.0000558	2.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-10	1.48E-09	1.10E-10	2.32E-10
289	544.23	-594.35	7439921	Lead	0.0000636	2.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-10	1.69E-09	1.26E-10	2.64E-10
290	338.12	-539.73	7439921	Lead	0.0000758	2.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.25E-10	2.02E-09	1.50E-10	3.15E-10
291	123.44	-529.45	7439921	Lead	0.0000893	3.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-10	2.38E-09	1.77E-10	3.71E-10
292	-353.26	-515.05	7439921	Lead	0.0000275	1.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	7.32E-10	5.44E-11	1.14E-10
293	-537.68	-487.8	7439921	Lead	0.0000641	2.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-10	1.71E-09	1.27E-10	2.66E-10
294	-775.51	-486.07	7439921	Lead	0.0000457	1.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	1.22E-09	9.03E-11	1.90E-10
295	-1414.44	-481.5	7439921	Lead	0.0000129	4.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-11	3.43E-10	2.55E-11	5.36E-11
296	-1515.21	-320.18	7439921	Lead	1.40E-05	5.37E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-11	3.73E-10	2.77E-11	5.82E-11
297	-1749.69	-63.9	7439921	Lead	2.23E-05	8.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	5.93E-10	4.41E-11	9.26E-11
298	-920.57	426.17	7439921	Lead	8.61E-06	3.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-11	2.29E-10	1.70E-11	3.58E-11
299	-420.73	233.87	7439921	Lead	1.56E-05	5.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-11	4.15E-10	3.08E-11	6.48E-11
300	1090.12	214.1	7439921	Lead	2.32E-05	8.90E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-10	6.17E-10	4.59E-11	9.64E-11
301	1183.39	65.17	7439921	Lead	3.09E-05	1.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	8.22E-10	6.11E-11	1.28E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	1.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-10	9.39E-10	6.98E-11	1.47E-10
303	-103.02	-518.78	7439921	Lead	6.25E-05	2.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	1.66E-09	1.24E-10	2.60E-10
304	-1076.39	-488.67	7439921	Lead	0.000009	3.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-11	2.39E-10	1.78E-11	3.74E-11
305	-4113.79	-1330.97	7439921	Lead	0.00000072	2.76E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-12	1.92E-11	1.42E-12	2.99E-12
306	-5050.04	-958.41	7439921	Lead	0.000000499	1.91E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-12	1.33E-11	9.86E-13	2.07E-12
307	-4023.97	-112.26	7439921	Lead	7.24E-07	2.78E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-12	1.93E-11	1.43E-12	3.01E-12
308	-2122.34	995.23	7439921	Lead	1.04E-06	3.99E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-12	2.77E-11	2.06E-12	4.32E-12
309	-2734.69	227.4	7439921	Lead	1.67E-06	6.40E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-12	4.44E-11	3.30E-12	6.94E-12
310	-2371.11	-69.21	7439921	Lead	2.30E-06	8.82E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-11	6.12E-11	4.55E-12	9.55E-12
311	-2146.26	177.17	7439921	Lead	2.87E-06	1.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-11	7.64E-11	5.67E-12	1.19E-11
312	-1919.02	445.07	7439921	Lead	2.43E-06	9.32E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	6.47E-11	4.80E-12	1.01E-11
313	-1651.12	607.72	7439921	Lead	2.47E-06	9.47E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-11	6.57E-11	4.88E-12	1.03E-11
314	-3361.39	677.09	7439921	Lead	1.01E-06	3.87E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-12	2.69E-11	2.00E-12	4.20E-12
315	-3026.51	724.93	7439921	Lead	1.06E-06	4.06E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-12	2.82E-11	2.10E-12	4.40E-12

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	1.01E-06	3.87E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-12	2.69E-11	2.00E-12	4.20E-12
317	-922.86	446.42	7439921	Lead	8.17E-06	3.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-11	2.17E-10	1.61E-11	3.39E-11
318	-1799.42	1088.51	7439921	Lead	1.34E-06	5.14E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-12	3.57E-11	2.65E-12	5.57E-12
319	-359.36	1846.44	7439921	Lead	2.22E-06	8.51E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-11	5.91E-11	4.39E-12	9.22E-12
320	671.3	-742.78	7439921	Lead	3.52E-05	1.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-10	9.37E-10	6.96E-11	1.46E-10
321	-1565.55	-932.22	7439921	Lead	1.53E-05	5.87E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-11	4.07E-10	3.02E-11	6.36E-11
322	-1733.02	-528.24	7439921	Lead	1.20E-05	4.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-11	3.19E-10	2.37E-11	4.98E-11
323	-1261.46	-507.67	7439921	Lead	2.96E-06	1.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-11	7.88E-11	5.85E-12	1.23E-11
324	-883.92	-503.26	7439921	Lead	0.0000338	1.30E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-10	8.99E-10	6.68E-11	1.40E-10
325	1599.35	-1104.97	7439921	Lead	0.0000367	1.41E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-10	9.77E-10	7.25E-11	1.52E-10
326	1608.16	-1382.63	7439921	Lead	1.80E-05	6.90E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-10	4.79E-10	3.56E-11	7.48E-11
327	3517.15	-1425.27	7439921	Lead	4.06E-06	1.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-11	1.08E-10	8.03E-12	1.69E-11
328	2959.77	-846.37	7439921	Lead	4.20E-06	1.61E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-11	1.12E-10	8.30E-12	1.74E-11
329	3479.67	224.81	7439921	Lead	0.0000013	4.98E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-12	3.46E-11	2.57E-12	5.40E-12
330	44.43	1469.76	7439921	Lead	0.00000342	1.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-11	9.10E-11	6.76E-12	1.42E-11
331	3044.83	-34	7439921	Lead	2.05E-06	7.86E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-11	5.45E-11	4.05E-12	8.52E-12
332	1088	-938	7439921	Lead	2.33E-05	8.93E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	6.20E-10	4.61E-11	9.68E-11
333	1647	-390	7439921	Lead	4.61E-05	1.77E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-10	1.23E-09	9.11E-11	1.91E-10
334	1650	-890	7439921	Lead	4.96E-05	1.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-10	1.32E-09	9.80E-11	2.06E-10
335	1430	215	7439921	Lead	4.19E-05	1.61E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-10	1.11E-09	8.28E-11	1.74E-10
336	1142	615	7439921	Lead	0.0000114	4.37E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-11	3.03E-10	2.25E-11	4.74E-11
337	-333	-788	7439921	Lead	0.0000233	8.93E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	6.20E-10	4.61E-11	9.68E-11
338	-42	-825	7439921	Lead	0.0000251	9.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-10	6.68E-10	4.96E-11	1.04E-10
339	1900	-1175	7439921	Lead	0.0000208	7.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.53E-10	4.11E-11	8.64E-11
340	1815	-1910	7439921	Lead	0.00000741	2.84E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-11	1.97E-10	1.46E-11	3.08E-11
341	2575	-2650	7439921	Lead	0.00000374	1.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-11	9.95E-11	7.39E-12	1.55E-11
342	2665	-2025	7439921	Lead	0.0000053	2.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-11	1.41E-10	1.05E-11	2.20E-11
343	3480	-2025	7439921	Lead	0.00000422	1.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-11	1.12E-10	8.34E-12	1.75E-11
344	2667	-1400	7439921	Lead	0.00000808	3.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-11	2.15E-10	1.60E-11	3.36E-11
345	3400	-250	7439921	Lead	0.00000179	6.86E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-11	4.76E-11	3.54E-12	7.44E-12
346	2577	-940	7439921	Lead	0.00000767	2.94E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-11	2.04E-10	1.52E-11	3.19E-11
347	2404	-475	7439921	Lead	0.00000653	2.50E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-11	1.74E-10	1.29E-11	2.71E-11
348	1577	291	7439921	Lead	0.0000102	3.91E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-11	2.71E-10	2.02E-11	4.24E-11
349	2400	240	7439921	Lead	0.00000302	1.16E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-11	8.04E-11	5.97E-12	1.25E-11
350	2600	1290	7439921	Lead	0.00000171	6.56E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-12	4.55E-11	3.38E-12	7.10E-12
351	900	935	7439921	Lead	0.0000112	4.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-11	2.98E-10	2.21E-11	4.65E-11
352	1375	1395	7439921	Lead	0.00000348	1.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-11	9.26E-11	6.88E-12	1.45E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000231	-2.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000124	-1.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000144	1.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000147	1.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000495	6.01E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000193	-2.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000142	-1.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000233	-2.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000208	2.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000208	2.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000233	2.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000305	3.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000571	6.93E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000168	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000121	1.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.000111	1.35E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000124	1.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000129	1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000374	4.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000221	2.68E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000296	3.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000268	3.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000828	1.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000448	5.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000454	5.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000511	6.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.00056	6.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000435	-5.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000118	1.43E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000251	-3.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000347	4.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000121	-1.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000168	2.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000243	-2.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000704	-8.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.55E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000286	3.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.92E-04	4.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000265	3.22E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000801	9.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000201	-2.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000176	2.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000128	1.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000153	1.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000268	3.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000275	3.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000409	4.97E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000399	4.84E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000377	4.58E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000449	5.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000175	2.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000211	2.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.0000015	1.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000223	-2.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000248	3.01E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000042	5.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000229	2.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000154	1.87E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000751	9.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000134	-1.63E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000157	-1.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000429	5.21E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000175	2.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000284	3.45E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.00003	3.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000853	1.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.000011	1.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000153	1.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000178	2.16E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000593	7.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.20E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000606	7.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000568	6.90E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.90E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000117	1.42E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000032	-3.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-10	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000391	4.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.00022	2.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.000054	6.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000023	2.79E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000355	4.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000274	3.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000672	8.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000119	1.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000656	7.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000615	7.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000115	1.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000263	3.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000124	1.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000845	1.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000217	2.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0162	2.38E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0211	3.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.039	5.72E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0429	6.30E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0116	1.70E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.00267	-3.92E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.034	-4.99E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.056	-8.22E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.22E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00813	1.19E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.000959	1.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.00832	-1.22E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0108	-1.58E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0639	-9.38E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.38E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.035	-5.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0255	-3.74E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.74E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0144	-2.11E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00763	-1.12E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00412	-6.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-07	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0116	1.70E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.000484	7.10E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00682	-1.00E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00557	-8.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-07	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0147	-2.16E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.00347	-5.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.09E-07	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.00602	8.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0385	5.65E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.105	1.54E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0386	-5.66E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0807	-1.18E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0818	-1.20E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0184	-2.70E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0192	2.82E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0642	9.42E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.061	-8.95E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0315	-4.62E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.000262	-3.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-08	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.011	1.61E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00435	-6.38E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-07	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.0736	1.08E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0688	-1.01E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000476	-6.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000336	-4.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000481	-7.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.06E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.000347	-5.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.09E-08	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00089	-1.31E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.000871	-1.28E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.000383	-5.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.62E-08	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.000233	-3.42E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-08	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00664	9.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000576	-8.45E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.45E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.000684	-1.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.000795	-1.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0563	-8.26E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.26E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.000201	2.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00379	-5.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.56E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.00608	8.92E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.00844	-1.24E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00198	2.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-07	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0407	-5.97E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.072	-1.06E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.00795	-1.17E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00603	-8.85E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.85E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00201	-2.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00242	-3.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.55E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000691	-1.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.0053	-7.78E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.78E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00125	-1.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00161	-2.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-07	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0122	-1.79E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0143	-2.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0116	-1.70E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00128	-1.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0126	-1.85E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.00835	1.23E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.0045	-6.60E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.60E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00301	-4.42E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00195	-2.86E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.86E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00253	-3.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00204	-2.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00268	-3.93E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.93E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00123	-1.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00293	-4.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00339	-4.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00303	-4.45E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00146	-2.14E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000386	-5.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-08	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00641	-9.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.41E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00184	-2.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00108	8.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00103	8.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00143	1.14E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00162	1.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00139	1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00436	3.49E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00537	4.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00345	2.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00484	3.87E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00318	2.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00194	1.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00151	1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000925	7.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000171	-1.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000553	4.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000905	7.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00103	8.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00128	1.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00287	2.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00479	3.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00822	6.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0174	1.39E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00584	4.67E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00598	4.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00587	4.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00554	4.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00561	4.49E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00297	2.38E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00216	1.73E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000616	4.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.00052	4.16E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00167	1.34E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00144	1.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.0037	2.96E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00438	3.51E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000341	2.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00132	1.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0138	1.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.0045	3.60E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000427	3.42E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000106	8.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000662	5.30E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000978	7.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.83E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000211	1.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000233	1.86E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000335	2.68E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000485	3.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000581	4.65E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000729	5.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000143	1.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000168	1.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000394	3.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00361	2.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.00036	2.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000725	5.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00676	5.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000726	5.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000207	1.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000944	7.56E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00143	1.14E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00324	2.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00247	1.98E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00126	1.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.0013	1.04E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000243	1.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000911	7.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.29E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000362	2.90E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00587	4.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00136	1.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00334	2.67E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000511	-4.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.09E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000885	7.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00331	2.65E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00402	3.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00318	2.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00175	1.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00103	8.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00147	1.18E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00123	9.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.84E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00203	1.62E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000391	3.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00207	1.66E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00118	9.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000916	7.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000414	3.31E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000354	2.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00085	6.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000706	5.65E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00207	2.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00224	2.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00369	4.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00417	5.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00346	4.62E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0108	1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0131	1.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00818	1.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0127	1.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00821	1.10E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00477	6.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00351	4.68E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00137	1.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00192	-2.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.00016	2.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00138	1.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00173	2.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00241	3.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00579	7.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0109	1.45E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0189	2.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0425	5.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.00996	1.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0118	1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0115	1.53E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0112	1.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0142	1.89E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	2.83E-03	3.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	3.61E-04	4.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.32E-03	-5.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.76E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.80E-03	-2.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.34E-03	3.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.52E-03	4.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	8.49E-03	1.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.03E-02	1.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00158	-2.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.49E-03	1.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.28E-02	4.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	7.23E-03	9.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00372	-4.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.31E-04	3.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000142	1.89E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000209	2.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000475	6.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000512	6.83E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000712	9.50E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.0011	1.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00136	1.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00174	2.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000321	4.28E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000381	5.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	9.15E-04	1.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00833	1.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	8.32E-04	1.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00165	2.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0153	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000801	1.07E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00108	-1.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000831	-1.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000657	-8.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.76E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00625	8.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.34E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.005	6.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00301	4.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00307	4.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000551	7.35E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00203	2.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000806	1.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0136	1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000461	6.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00504	6.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.0041	-5.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00148	1.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00688	9.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.18E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00895	1.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00708	9.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00401	5.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.35E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.0024	3.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00342	4.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00289	3.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00477	6.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000892	1.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00489	6.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00264	3.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00166	2.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000876	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000812	1.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.0016	2.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00161	2.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00932	-1.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00562	-7.50E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.50E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000689	9.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-09	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00115	1.53E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000497	-6.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.63E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000823	1.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.0025	-3.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.34E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00832	-1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.000799	-1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.0024	-3.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00452	-6.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.03E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00625	-8.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.34E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0146	-1.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0265	-3.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0177	-2.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0129	-1.72E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0123	-1.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.011	-1.47E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0172	-2.29E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0123	-1.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0177	-2.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.0075	-1.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0644	-8.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.59E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0533	-7.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0599	-7.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.99E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.063	-8.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.40E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0464	-6.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.19E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0569	-7.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.59E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0632	-8.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0746	-9.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.95E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0393	-5.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0225	-3.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.000258	-3.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-09	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-7.45E-03	-9.94E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.94E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-5.80E-03	-7.74E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.74E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.09E-02	-4.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.23E-02	-2.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.97E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.31E-02	-1.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.88E-02	-6.51E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.51E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.09E-02	-8.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.63E-04	-4.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.84E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.61E-04	-3.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.48E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.94E-04	-5.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.26E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.60E-04	-7.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.47E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-7.60E-04	-1.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.42E-03	-1.89E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.16E-03	-1.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-8.42E-04	-1.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-6.75E-04	-9.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.00E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.76E-04	-5.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.15E-04	-5.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-6.50E-04	-8.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.67E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-6.93E-03	-9.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.24E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.67E-04	-8.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.90E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.64E-03	-2.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.61E-02	-2.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.25E-02	-1.67E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.03E-02	-2.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.02E-02	-5.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.33E-02	-7.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.16E-02	-2.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.35E-02	-1.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.23E-03	-1.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.44E-03	-1.92E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.88E-04	-7.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.84E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.68E-03	-3.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.06E-03	-1.41E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.97E-03	-1.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.69E-02	-4.92E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.03E-02	-5.38E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.38E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.64E-02	-4.86E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.79E-03	-1.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.59E-02	-2.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.17E-02	-1.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.10E-03	-1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.66E-03	-4.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.88E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.68E-03	-2.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.26E-03	-3.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.56E-03	-2.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.08E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.82E-03	-3.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.76E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.55E-04	-1.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.58E-03	-3.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.33E-03	-4.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.44E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-7.45E-03	-9.94E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.94E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.80E-03	-2.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.32E-04	-9.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.20E-03	-8.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.27E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.60E-03	-2.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.01E-03	-3.49E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.89E-03	-2.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-7.84E-05	-9.10E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.10E-11	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	2.23E-05	2.59E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-11	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-4.25E-04	-4.93E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-8.31E-04	-9.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.64E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.81E-03	-2.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.19E-03	-3.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.22E-03	-1.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.37E-03	-1.59E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.75E-03	-2.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.18E-03	-2.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00457	-5.30E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.30E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00796	-9.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.24E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00542	-6.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.29E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00405	-4.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.0039	-4.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00355	-4.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00572	-6.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.64E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00463	-5.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.37E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00692	-8.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.03E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00567	-6.58E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0205	-2.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0172	-2.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0192	-2.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0201	-2.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0152	-1.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0176	-2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0194	-2.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0225	-2.61E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.61E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0119	-1.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00708	-8.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.22E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000362	-4.20E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00296	-3.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.0026	-3.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00932	-1.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00694	-8.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.05E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00661	-7.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.67E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0155	-1.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0183	-2.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.00013	-1.51E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000914	-1.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000137	-1.59E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000209	-2.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000274	-3.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000491	-5.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.70E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000444	-5.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.15E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000367	-4.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000345	-4.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000141	-1.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000157	-1.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000272	-3.16E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.16E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.79E-03	-3.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.71E-04	-3.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.33E-04	-7.35E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.35E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.16E-03	-7.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.15E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.0039	-4.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00612	-7.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.10E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0122	-1.42E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0163	-1.89E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.0071	-8.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.24E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.53E-03	-5.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.26E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-6.17E-04	-7.16E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.16E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000684	-7.94E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.94E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000224	-2.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000982	-1.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.00039	-4.53E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00414	-4.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.80E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0113	-1.31E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0128	-1.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0108	-1.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00281	-3.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00541	-6.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.28E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00429	-4.98E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.98E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00335	-3.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.89E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00144	-1.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000704	-8.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000966	-1.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000707	-8.21E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.21E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.24E-03	-1.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.33E-04	-3.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.86E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00118	-1.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00123	-1.43E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00241	-2.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.22E-04	-7.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.22E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.89E-04	-3.35E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.03E-03	-2.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000619	-7.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.18E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00708	1.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00712	1.99E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0106	2.97E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.012	3.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0101	2.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0315	8.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0386	1.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0247	6.92E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0364	1.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0238	6.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0142	3.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0108	3.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00562	1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00247	-6.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.92E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00251	7.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.0055	1.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00646	1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00833	2.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.90E-02	5.32E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0334	9.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0575	1.61E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.125	3.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.67E-02	1.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.04	1.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	3.96E-02	1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.83E-02	1.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0436	1.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0155	4.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00902	2.53E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00329	-9.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.22E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000323	-9.05E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-10	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0097	2.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0104	2.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0258	7.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0309	8.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.00074	-2.07E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00717	2.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0977	2.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0273	7.65E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.65E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00323	-9.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000722	2.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000449	1.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000663	1.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.46E-03	4.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.0016	4.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00226	6.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00337	9.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00409	1.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00517	1.45E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	9.90E-04	2.77E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00117	3.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00276	7.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0253	7.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00252	7.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00505	1.41E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0469	1.31E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00393	1.10E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000603	-1.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00263	7.3677E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3677E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00479	1.3419E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3419E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.021	5.8829E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8829E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0164	4.5943E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5943E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00897	2.5129E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5129E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00918	2.5717E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5717E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00169	4.7344E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7344E-09	0	0	0

Proposed Project RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00628	1.7593E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7593E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.0025	7.0035E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0035E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0412	1.1542E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1542E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00599	1.678E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.678E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0198	5.5468E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5468E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00744	-2.0842E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0842E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00546	1.5296E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5296E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0222	6.2191E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2191E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0277	7.7599E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7599E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0219	6.1351E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1351E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0122	3.4177E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4177E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00724	2.0282E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0282E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0103	2.8854E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8854E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00867	2.4288E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4288E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0143	4.006E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.006E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00272	7.6198E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6198E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0146	4.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00816	2.2859E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2859E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00582	1.6304E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6304E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00279	7.8159E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8159E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00247	6.9195E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9195E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00547	1.5324E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5324E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00491	1.3755E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3755E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000647	3.0208E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0208E-11	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.0000735	3.4317E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4317E-11	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.0000418	1.9516E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9516E-11	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.000028	1.3073E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3073E-11	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000194	9.0579E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0579E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000222	1.0365E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0365E-11	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.0000296	1.382E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.382E-11	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000821	3.8332E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8332E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.000152	7.0969E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0969E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.000107	4.9958E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9958E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.0000663	3.0955E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0955E-11	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.000053	2.4746E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4746E-11	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000045	2.1011E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1011E-11	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.0000373	1.7415E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7415E-11	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.0000346	1.6155E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6155E-11	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.0000312	1.4567E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4567E-11	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.0000279	1.3027E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3027E-11	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000254	1.1859E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1859E-11	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.0000185	8.6377E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6377E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.0000189	8.8244E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8244E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.0000219	1.0225E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0225E-11	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000405	1.8909E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8909E-11	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.000133	6.2098E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2098E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.000243	1.1346E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1346E-10	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.000344	1.6061E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6061E-10	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.000477	2.2271E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2271E-10	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.00074	3.4551E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4551E-10	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.000775	3.6185E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6185E-10	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000801	3.7399E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7399E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.00071	3.315E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.315E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000676	3.1562E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1562E-11	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000121	5.6495E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6495E-11	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.000116	5.416E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.416E-11	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000479	2.2365E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2365E-11	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.000131	6.1164E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1164E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.0000216	1.0085E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0085E-11	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.0000195	9.1046E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1046E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000658	3.0722E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0722E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.000839	3.9173E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9173E-10	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.000217	1.0132E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0132E-10	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.0000048	2.2411E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2411E-12	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000346	1.6155E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6155E-12	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000567	2.6473E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6473E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000637	2.9742E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9742E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.0000131	6.1164E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1164E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0000176	8.2174E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2174E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.0000211	9.8516E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8516E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.0000158	7.377E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.377E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000145	6.7701E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7701E-12	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000782	3.6512E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6512E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000789	3.6838E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6838E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.00000606	2.8294E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8294E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.0000455	2.1244E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1244E-11	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000782	3.6512E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6512E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.0000148	6.9101E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9101E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.00019	8.8711E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8711E-11	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000336	1.5688E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5688E-11	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.0000421	1.9656E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9656E-11	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000873	4.076E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.076E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000497	2.3205E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3205E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.000047	2.1944E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1944E-11	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.0000413	1.9283E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9283E-11	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.0000111	5.1826E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1826E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.000009	4.2021E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2021E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.0000042	1.961E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.961E-12	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0000216	1.0085E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0085E-11	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.00000532	2.4839E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4839E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.0000815	3.8052E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8052E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.0000164	7.6572E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6572E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000386	1.8022E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8022E-11	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000014	6.5366E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5366E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.0000189	8.8244E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8244E-12	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.000301	1.4054E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4054E-10	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.000287	1.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.0000362	1.6902E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6902E-11	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.0000265	1.2373E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2373E-11	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000015	7.0035E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0035E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.0000197	9.1979E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1979E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.0000157	7.3303E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3303E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.0000212	9.8983E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8983E-12	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000504	2.3532E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3532E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.0000137	6.3965E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3965E-12	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.00000943	4.4029E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4029E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.0000118	5.5094E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5094E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000667	3.1142E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1142E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000546	2.5493E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5493E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.0000224	1.0459E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0459E-11	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.0000132	6.1631E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1631E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000486	-7.7799E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.7799E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000202	-3.2336E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2336E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000398	6.3712E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3712E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.00048	7.6838E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6838E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000295	4.7224E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7224E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00106	1.6968E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6968E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.0011	1.7609E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7609E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000163	2.6093E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6093E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00109	1.7449E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7449E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000566	9.0605E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0605E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000101	1.6168E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6168E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000139	-2.2251E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2251E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000945	-1.5128E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5128E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00212	-3.3937E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3937E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00128	-2.049E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.049E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000813	-1.3015E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3015E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000733	-1.1734E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1734E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000568	-9.0925E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.0925E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000679	-1.0869E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0869E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000172	2.7534E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7534E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00057	9.1246E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1246E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00361	5.7789E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7789E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00373	-5.971E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.971E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00283	-4.5303E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5303E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00339	-5.4267E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4267E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00373	-5.971E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.971E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00242	-3.8739E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8739E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00382	-6.1151E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1151E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00451	-7.2196E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2196E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00579	-9.2686E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2686E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00301	-4.8184E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8184E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00139	-2.2251E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2251E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000327	5.2346E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2346E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000298	4.7704E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7704E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000594	9.5088E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5088E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00238	-3.8099E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8099E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00146	-2.3372E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3372E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00228	3.6498E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6498E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00281	-4.4982E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.4982E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00475	-7.6038E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6038E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000347	-5.5548E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5548E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000488	-7.8119E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.8119E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000781	-1.2502E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2502E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000639	1.0229E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0229E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000443	-7.0915E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.0915E-11	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000321	-5.1386E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1386E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000243	3.8899E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8899E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000731	1.1702E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1702E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000122	1.953E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.953E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000452	7.2356E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2356E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000756	1.2102E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2102E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000432	6.9155E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9155E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.00032	5.1226E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1226E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000337	5.3947E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3947E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000445	7.1236E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1236E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000346	5.5388E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5388E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000824	-1.3191E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3191E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00156	-2.4972E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4972E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00298	-4.7704E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7704E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.0039	-6.2431E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.2431E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000938	-1.5016E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5016E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000479	-7.6678E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6678E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000207	3.3137E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3137E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000198	3.1696E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1696E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000118	1.8889E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8889E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000635	1.0165E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0165E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000268	4.2901E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2901E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000621	9.941E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.941E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00261	-4.1781E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1781E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00241	-3.8579E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8579E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00302	-4.8344E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8344E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000487	-7.7959E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.7959E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000468	-7.4917E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.4917E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000385	6.1631E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1631E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000415	6.6433E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6433E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000131	2.097E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.097E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000115	1.8409E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8409E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000174	2.7854E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7854E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000172	2.7534E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7534E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000266	4.2581E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2581E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000262	4.1941E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1941E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000295	4.7224E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7224E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000204	3.2656E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2656E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000372	-5.955E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.955E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000436	-6.9795E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.9795E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000271	4.3382E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3382E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000289	-4.6263E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6263E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000425	6.8034E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.8034E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00819	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00297	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0117	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0127	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00416	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.000298	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0094	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0147	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0109	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0098	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00932	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:48:24 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0118	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0151	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.066	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0466	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0434	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0509	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0547	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.166	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0965	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.127	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.115	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.358	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.191	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.194	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.223	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.257	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.196	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00312	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.111	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0162	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0509	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.015	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0169	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00466	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.133	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.175	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.114	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0427	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0813	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000765	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000543	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000662	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00116	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00118	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00189	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00186	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00169	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00309	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00072	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000856	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00069	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0155	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00122	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00155	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.101	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0678	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0324	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0531	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0655	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.187	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0762	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0122	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0127	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00342	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00412	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00622	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0779	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.257	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.262	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.248	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0489	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000777	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0207	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0961	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0237	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0101	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0156	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.012	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0293	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00481	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0283	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0264	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0494	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0108	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00535	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0211	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00852	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

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INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	1.82E-07	5.87E-10	25YrCancerHighEnd_InhSoilDerm	1.23E-10	3.32E-10	1.33E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	3.44E-07	1.11E-09	25YrCancerHighEnd_InhSoilDerm	2.32E-10	6.27E-10	2.51E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	2.55E-07	8.23E-10	25YrCancerHighEnd_InhSoilDerm	1.72E-10	4.65E-10	1.86E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	1.51E-07	4.87E-10	25YrCancerHighEnd_InhSoilDerm	1.02E-10	2.75E-10	1.10E-10	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	9.94E-08	3.21E-10	25YrCancerHighEnd_InhSoilDerm	6.71E-11	1.81E-10	7.25E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	8.06E-08	2.60E-10	25YrCancerHighEnd_InhSoilDerm	5.44E-11	1.47E-10	5.88E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	8.38E-08	2.70E-10	25YrCancerHighEnd_InhSoilDerm	5.66E-11	1.53E-10	6.11E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	2.53E-07	8.16E-10	25YrCancerHighEnd_InhSoilDerm	1.71E-10	4.61E-10	1.84E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	5.22E-07	1.68E-09	25YrCancerHighEnd_InhSoilDerm	3.52E-10	9.52E-10	3.81E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	4.37E-07	1.41E-09	25YrCancerHighEnd_InhSoilDerm	2.95E-10	7.97E-10	3.19E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	3.84E-07	1.24E-09	25YrCancerHighEnd_InhSoilDerm	2.59E-10	7.00E-10	2.80E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	4.20E-07	1.36E-09	25YrCancerHighEnd_InhSoilDerm	2.84E-10	7.66E-10	3.06E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.60E-07	2.45E-09	25YrCancerHighEnd_InhSoilDerm	5.13E-10	1.39E-09	5.54E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.59E-06	5.13E-09	25YrCancerHighEnd_InhSoilDerm	1.07E-09	2.90E-09	1.16E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.19E-06	3.84E-09	25YrCancerHighEnd_InhSoilDerm	8.03E-10	2.17E-09	8.68E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.07E-06	3.45E-09	25YrCancerHighEnd_InhSoilDerm	7.22E-10	1.95E-09	7.80E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.15E-06	3.71E-09	25YrCancerHighEnd_InhSoilDerm	7.76E-10	2.10E-09	8.39E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.16E-06	3.74E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-10	2.11E-09	8.46E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.05E-06	9.84E-09	25YrCancerHighEnd_InhSoilDerm	2.06E-09	5.56E-09	2.22E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.85E-06	5.97E-09	25YrCancerHighEnd_InhSoilDerm	1.25E-09	3.37E-09	1.35E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.49E-06	8.04E-09	25YrCancerHighEnd_InhSoilDerm	1.68E-09	4.54E-09	1.82E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.32E-06	7.49E-09	25YrCancerHighEnd_InhSoilDerm	1.57E-09	4.23E-09	1.69E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	7.15E-06	2.31E-08	25YrCancerHighEnd_InhSoilDerm	4.83E-09	1.30E-08	5.21E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.33E-06	1.40E-08	25YrCancerHighEnd_InhSoilDerm	2.92E-09	7.89E-09	3.16E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.66E-06	1.50E-08	25YrCancerHighEnd_InhSoilDerm	3.15E-09	8.49E-09	3.40E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	5.39E-06	1.74E-08	25YrCancerHighEnd_InhSoilDerm	3.64E-09	9.83E-09	3.93E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	6.05E-06	1.95E-08	25YrCancerHighEnd_InhSoilDerm	4.08E-09	1.10E-08	4.41E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-1.48E-06	-4.78E-09	25YrCancerHighEnd_InhSoilDerm	-9.99E-10	-2.70E-09	-1.08E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	2.35E-06	7.58E-09	25YrCancerHighEnd_InhSoilDerm	1.59E-09	4.28E-09	1.71E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	2.43E-07	7.84E-10	25YrCancerHighEnd_InhSoilDerm	1.64E-10	4.43E-10	1.77E-10	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	6.05E-07	1.95E-09	25YrCancerHighEnd_InhSoilDerm	4.08E-10	1.10E-09	4.41E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.91E-07	-6.16E-10	25YrCancerHighEnd_InhSoilDerm	-1.29E-10	-3.48E-10	-1.39E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	8.50E-07	2.74E-09	25YrCancerHighEnd_InhSoilDerm	5.74E-10	1.55E-09	6.20E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.46E-07	4.71E-10	25YrCancerHighEnd_InhSoilDerm	9.86E-11	2.66E-10	1.06E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	4.02E-07	1.30E-09	25YrCancerHighEnd_InhSoilDerm	2.71E-10	7.33E-10	2.93E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.26E-06	7.29E-09	25YrCancerHighEnd_InhSoilDerm	1.53E-09	4.12E-09	1.65E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.17E-06	1.02E-08	25YrCancerHighEnd_InhSoilDerm	2.14E-09	5.78E-09	2.31E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.38E-06	7.68E-09	25YrCancerHighEnd_InhSoilDerm	1.61E-09	4.34E-09	1.74E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	2.47E-06	7.97E-09	25YrCancerHighEnd_InhSoilDerm	1.67E-09	4.50E-09	1.80E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-9.41E-07	-3.04E-09	25YrCancerHighEnd_InhSoilDerm	-6.35E-10	-1.72E-09	-6.86E-10	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	3.22E-08	1.04E-10	25YrCancerHighEnd_InhSoilDerm	2.17E-11	5.87E-11	2.35E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	2.29E-08	7.39E-11	25YrCancerHighEnd_InhSoilDerm	1.55E-11	4.17E-11	1.67E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	3.13E-08	1.01E-10	25YrCancerHighEnd_InhSoilDerm	2.11E-11	5.71E-11	2.28E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	4.57E-08	1.47E-10	25YrCancerHighEnd_InhSoilDerm	3.09E-11	8.33E-11	3.33E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	6.91E-08	2.23E-10	25YrCancerHighEnd_InhSoilDerm	4.67E-11	1.26E-10	5.04E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	9.56E-08	3.09E-10	25YrCancerHighEnd_InhSoilDerm	6.45E-11	1.74E-10	6.97E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	1.13E-07	3.65E-10	25YrCancerHighEnd_InhSoilDerm	7.63E-11	2.06E-10	8.24E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	9.14E-08	2.95E-10	25YrCancerHighEnd_InhSoilDerm	6.17E-11	1.67E-10	6.66E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	8.32E-08	2.69E-10	25YrCancerHighEnd_InhSoilDerm	5.62E-11	1.52E-10	6.07E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	4.24E-08	1.37E-10	25YrCancerHighEnd_InhSoilDerm	2.86E-11	7.73E-11	3.09E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	4.54E-08	1.47E-10	25YrCancerHighEnd_InhSoilDerm	3.07E-11	8.28E-11	3.31E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	3.40E-08	1.10E-10	25YrCancerHighEnd_InhSoilDerm	2.30E-11	6.20E-11	2.48E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	1.38E-07	4.45E-10	25YrCancerHighEnd_InhSoilDerm	9.32E-11	2.52E-10	1.01E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	5.19E-08	1.67E-10	25YrCancerHighEnd_InhSoilDerm	3.50E-11	9.46E-11	3.78E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	8.69E-08	2.80E-10	25YrCancerHighEnd_InhSoilDerm	5.87E-11	1.58E-10	6.34E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.34E-06	7.55E-09	25YrCancerHighEnd_InhSoilDerm	1.58E-09	4.27E-09	1.71E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.38E-06	4.45E-09	25YrCancerHighEnd_InhSoilDerm	9.32E-10	2.52E-09	1.01E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	8.39E-07	2.71E-09	25YrCancerHighEnd_InhSoilDerm	5.66E-10	1.53E-09	6.12E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-7.62E-07	-2.46E-09	25YrCancerHighEnd_InhSoilDerm	-5.14E-10	-1.39E-09	-5.56E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	2.68E-07	8.65E-10	25YrCancerHighEnd_InhSoilDerm	1.81E-10	4.89E-10	1.95E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.61E-06	1.17E-08	25YrCancerHighEnd_InhSoilDerm	2.44E-09	6.58E-09	2.63E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.55E-06	5.00E-09	25YrCancerHighEnd_InhSoilDerm	1.05E-09	2.83E-09	1.13E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.66E-07	8.58E-10	25YrCancerHighEnd_InhSoilDerm	1.80E-10	4.85E-10	1.94E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.78E-07	8.97E-10	25YrCancerHighEnd_InhSoilDerm	1.88E-10	5.07E-10	2.03E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.93E-08	2.88E-10	25YrCancerHighEnd_InhSoilDerm	6.03E-11	1.63E-10	6.51E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.65E-07	5.32E-10	25YrCancerHighEnd_InhSoilDerm	1.11E-10	3.01E-10	1.20E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.51E-07	4.87E-10	25YrCancerHighEnd_InhSoilDerm	1.02E-10	2.75E-10	1.10E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.66E-06	5.36E-09	25YrCancerHighEnd_InhSoilDerm	1.12E-09	3.03E-09	1.21E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.89E-06	1.58E-08	25YrCancerHighEnd_InhSoilDerm	3.30E-09	8.91E-09	3.57E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.06E-06	1.63E-08	25YrCancerHighEnd_InhSoilDerm	3.42E-09	9.22E-09	3.69E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.65E-06	1.50E-08	25YrCancerHighEnd_InhSoilDerm	3.14E-09	8.48E-09	3.39E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.04E-06	3.36E-09	25YrCancerHighEnd_InhSoilDerm	7.02E-10	1.90E-09	7.58E-10	0.00E+00
73	-333	-788	7440382	Arsenic	7.22E-07	2.33E-09	25YrCancerHighEnd_InhSoilDerm	4.87E-10	1.32E-09	5.26E-10	0.00E+00
74	-42	-825	7440382	Arsenic	9.90E-07	3.19E-09	25YrCancerHighEnd_InhSoilDerm	6.68E-10	1.80E-09	7.22E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.88E-06	6.07E-09	25YrCancerHighEnd_InhSoilDerm	1.27E-09	3.43E-09	1.37E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.13E-07	1.66E-09	25YrCancerHighEnd_InhSoilDerm	3.46E-10	9.35E-10	3.74E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.31E-07	7.45E-10	25YrCancerHighEnd_InhSoilDerm	1.56E-10	4.21E-10	1.68E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.44E-07	1.11E-09	25YrCancerHighEnd_InhSoilDerm	2.32E-10	6.27E-10	2.51E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.69E-07	8.68E-10	25YrCancerHighEnd_InhSoilDerm	1.82E-10	4.90E-10	1.96E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.06E-07	1.96E-09	25YrCancerHighEnd_InhSoilDerm	4.09E-10	1.10E-09	4.42E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.20E-07	3.87E-10	25YrCancerHighEnd_InhSoilDerm	8.10E-11	2.19E-10	8.75E-11	0.00E+00
82	2577	-940	7440382	Arsenic	5.78E-07	1.87E-09	25YrCancerHighEnd_InhSoilDerm	3.90E-10	1.05E-09	4.21E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.38E-07	1.74E-09	25YrCancerHighEnd_InhSoilDerm	3.63E-10	9.81E-10	3.92E-10	0.00E+00
84	1577	291	7440382	Arsenic	9.83E-07	3.17E-09	25YrCancerHighEnd_InhSoilDerm	6.64E-10	1.79E-09	7.17E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.49E-07	8.04E-10	25YrCancerHighEnd_InhSoilDerm	1.68E-10	4.54E-10	1.82E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.19E-07	3.84E-10	25YrCancerHighEnd_InhSoilDerm	8.03E-11	2.17E-10	8.68E-11	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	3.32E-09	25YrCancerHighEnd_InhSoilDerm	6.95E-10	1.88E-09	7.51E-10	0.00E+00
88	1375	1395	7440382	Arsenic	2.32E-07	7.49E-10	25YrCancerHighEnd_InhSoilDerm	1.57E-10	4.23E-10	1.69E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	6.80E-07	5.74E-10	25YrCancerHighEnd_InhSoilDerm	5.74E-10	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	8.23E-07	6.95E-10	25YrCancerHighEnd_InhSoilDerm	6.95E-10	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	3.92E-07	3.31E-10	25YrCancerHighEnd_InhSoilDerm	3.31E-10	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	2.40E-07	2.03E-10	25YrCancerHighEnd_InhSoilDerm	2.03E-10	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	1.59E-07	1.34E-10	25YrCancerHighEnd_InhSoilDerm	1.34E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	1.79E-07	1.51E-10	25YrCancerHighEnd_InhSoilDerm	1.51E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	2.41E-07	2.03E-10	25YrCancerHighEnd_InhSoilDerm	2.03E-10	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	6.12E-07	5.16E-10	25YrCancerHighEnd_InhSoilDerm	5.16E-10	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	6.54E-07	5.52E-10	25YrCancerHighEnd_InhSoilDerm	5.52E-10	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.75E-07	4.01E-10	25YrCancerHighEnd_InhSoilDerm	4.01E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	3.06E-07	2.58E-10	25YrCancerHighEnd_InhSoilDerm	2.58E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.48E-07	2.09E-10	25YrCancerHighEnd_InhSoilDerm	2.09E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	2.08E-07	1.76E-10	25YrCancerHighEnd_InhSoilDerm	1.76E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.76E-07	1.49E-10	25YrCancerHighEnd_InhSoilDerm	1.49E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.63E-07	1.38E-10	25YrCancerHighEnd_InhSoilDerm	1.38E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.48E-07	1.25E-10	25YrCancerHighEnd_InhSoilDerm	1.25E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.36E-07	1.15E-10	25YrCancerHighEnd_InhSoilDerm	1.15E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.31E-07	1.11E-10	25YrCancerHighEnd_InhSoilDerm	1.11E-10	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	9.96E-08	8.41E-11	25YrCancerHighEnd_InhSoilDerm	8.41E-11	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	1.02E-07	8.61E-11	25YrCancerHighEnd_InhSoilDerm	8.61E-11	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	1.16E-07	9.79E-11	25YrCancerHighEnd_InhSoilDerm	9.79E-11	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	2.12E-07	1.79E-10	25YrCancerHighEnd_InhSoilDerm	1.79E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	6.09E-07	5.14E-10	25YrCancerHighEnd_InhSoilDerm	5.14E-10	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	1.05E-06	8.86E-10	25YrCancerHighEnd_InhSoilDerm	8.86E-10	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.53E-06	1.29E-09	25YrCancerHighEnd_InhSoilDerm	1.29E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	2.12E-06	1.79E-09	25YrCancerHighEnd_InhSoilDerm	1.79E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	2.90E-06	2.45E-09	25YrCancerHighEnd_InhSoilDerm	2.45E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	3.31E-06	2.79E-09	25YrCancerHighEnd_InhSoilDerm	2.79E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.75E-06	3.16E-09	25YrCancerHighEnd_InhSoilDerm	3.16E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.83E-06	3.23E-09	25YrCancerHighEnd_InhSoilDerm	3.23E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	5.77E-07	4.87E-10	25YrCancerHighEnd_InhSoilDerm	4.87E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	1.40E-06	1.18E-09	25YrCancerHighEnd_InhSoilDerm	1.18E-09	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.43E-06	1.21E-09	25YrCancerHighEnd_InhSoilDerm	1.21E-09	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	3.92E-07	3.31E-10	25YrCancerHighEnd_InhSoilDerm	3.31E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	7.30E-07	6.16E-10	25YrCancerHighEnd_InhSoilDerm	6.16E-10	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	1.19E-07	1.00E-10	25YrCancerHighEnd_InhSoilDerm	1.00E-10	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	1.04E-07	8.78E-11	25YrCancerHighEnd_InhSoilDerm	8.78E-11	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	3.47E-07	2.93E-10	25YrCancerHighEnd_InhSoilDerm	2.93E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	3.31E-06	2.79E-09	25YrCancerHighEnd_InhSoilDerm	2.79E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	1.36E-06	1.15E-09	25YrCancerHighEnd_InhSoilDerm	1.15E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	3.03E-08	2.56E-11	25YrCancerHighEnd_InhSoilDerm	2.56E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	2.07E-08	1.75E-11	25YrCancerHighEnd_InhSoilDerm	1.75E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	3.17E-08	2.68E-11	25YrCancerHighEnd_InhSoilDerm	2.68E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	4.04E-08	3.41E-11	25YrCancerHighEnd_InhSoilDerm	3.41E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	7.87E-08	6.64E-11	25YrCancerHighEnd_InhSoilDerm	6.64E-11	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	1.09E-07	9.20E-11	25YrCancerHighEnd_InhSoilDerm	9.20E-11	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	1.39E-07	1.17E-10	25YrCancerHighEnd_InhSoilDerm	1.17E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	1.04E-07	8.78E-11	25YrCancerHighEnd_InhSoilDerm	8.78E-11	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	1.13E-07	9.54E-11	25YrCancerHighEnd_InhSoilDerm	9.54E-11	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	4.63E-08	3.91E-11	25YrCancerHighEnd_InhSoilDerm	3.91E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	4.60E-08	3.88E-11	25YrCancerHighEnd_InhSoilDerm	3.88E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	3.80E-08	3.21E-11	25YrCancerHighEnd_InhSoilDerm	3.21E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	3.68E-07	3.11E-10	25YrCancerHighEnd_InhSoilDerm	3.11E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	5.77E-08	4.87E-11	25YrCancerHighEnd_InhSoilDerm	4.87E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	8.10E-08	6.84E-11	25YrCancerHighEnd_InhSoilDerm	6.84E-11	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	8.43E-07	7.11E-10	25YrCancerHighEnd_InhSoilDerm	7.11E-10	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	2.40E-07	2.03E-10	25YrCancerHighEnd_InhSoilDerm	2.03E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	3.78E-07	3.19E-10	25YrCancerHighEnd_InhSoilDerm	3.19E-10	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	6.95E-07	5.87E-10	25YrCancerHighEnd_InhSoilDerm	5.87E-10	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.70E-06	2.28E-09	25YrCancerHighEnd_InhSoilDerm	2.28E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	2.23E-07	1.88E-10	25YrCancerHighEnd_InhSoilDerm	1.88E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	2.00E-07	1.69E-10	25YrCancerHighEnd_InhSoilDerm	1.69E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	5.61E-08	4.73E-11	25YrCancerHighEnd_InhSoilDerm	4.73E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.88E-08	4.12E-11	25YrCancerHighEnd_InhSoilDerm	4.12E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	2.49E-08	2.10E-11	25YrCancerHighEnd_InhSoilDerm	2.10E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	1.09E-07	9.20E-11	25YrCancerHighEnd_InhSoilDerm	9.20E-11	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	3.12E-08	2.63E-11	25YrCancerHighEnd_InhSoilDerm	2.63E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.79E-07	3.20E-10	25YrCancerHighEnd_InhSoilDerm	3.20E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	8.79E-08	7.42E-11	25YrCancerHighEnd_InhSoilDerm	7.42E-11	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.87E-07	1.58E-10	25YrCancerHighEnd_InhSoilDerm	1.58E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	7.47E-08	6.30E-11	25YrCancerHighEnd_InhSoilDerm	6.30E-11	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	9.29E-08	7.84E-11	25YrCancerHighEnd_InhSoilDerm	7.84E-11	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.33E-06	1.12E-09	25YrCancerHighEnd_InhSoilDerm	1.12E-09	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.25E-06	1.05E-09	25YrCancerHighEnd_InhSoilDerm	1.05E-09	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.73E-07	1.46E-10	25YrCancerHighEnd_InhSoilDerm	1.46E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.32E-07	1.11E-10	25YrCancerHighEnd_InhSoilDerm	1.11E-10	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	7.64E-08	6.45E-11	25YrCancerHighEnd_InhSoilDerm	6.45E-11	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	9.94E-08	8.39E-11	25YrCancerHighEnd_InhSoilDerm	8.39E-11	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	7.84E-08	6.62E-11	25YrCancerHighEnd_InhSoilDerm	6.62E-11	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	1.03E-07	8.69E-11	25YrCancerHighEnd_InhSoilDerm	8.69E-11	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.93E-08	2.47E-11	25YrCancerHighEnd_InhSoilDerm	2.47E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	7.00E-08	5.91E-11	25YrCancerHighEnd_InhSoilDerm	5.91E-11	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	5.25E-08	4.43E-11	25YrCancerHighEnd_InhSoilDerm	4.43E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	6.39E-08	5.39E-11	25YrCancerHighEnd_InhSoilDerm	5.39E-11	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.79E-08	3.20E-11	25YrCancerHighEnd_InhSoilDerm	3.20E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.87E-08	2.42E-11	25YrCancerHighEnd_InhSoilDerm	2.42E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	1.08E-07	9.11E-11	25YrCancerHighEnd_InhSoilDerm	9.11E-11	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	6.58E-08	5.55E-11	25YrCancerHighEnd_InhSoilDerm	5.55E-11	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-1.48E-06	-4.35E-08	25YrCancerHighEnd_InhSoilDerm	-4.25E-08	-8.99E-10	-1.20E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-7.25E-07	-2.13E-08	25YrCancerHighEnd_InhSoilDerm	-2.08E-08	-4.41E-10	-5.87E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	9.74E-07	2.86E-08	25YrCancerHighEnd_InhSoilDerm	2.79E-08	5.92E-10	7.89E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	9.46E-07	2.78E-08	25YrCancerHighEnd_InhSoilDerm	2.71E-08	5.75E-10	7.66E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	4.05E-07	1.19E-08	25YrCancerHighEnd_InhSoilDerm	1.16E-08	2.46E-10	3.28E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	1.00E-07	2.94E-09	25YrCancerHighEnd_InhSoilDerm	2.87E-09	6.08E-11	8.10E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-3.42E-07	-1.00E-08	25YrCancerHighEnd_InhSoilDerm	-9.81E-09	-2.08E-10	-2.77E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-9.38E-07	-2.76E-08	25YrCancerHighEnd_InhSoilDerm	-2.69E-08	-5.70E-10	-7.60E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.14E-06	6.29E-08	25YrCancerHighEnd_InhSoilDerm	6.14E-08	1.30E-09	1.73E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.94E-06	5.70E-08	25YrCancerHighEnd_InhSoilDerm	5.57E-08	1.18E-09	1.57E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.01E-06	5.91E-08	25YrCancerHighEnd_InhSoilDerm	5.77E-08	1.22E-09	1.63E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.51E-06	7.38E-08	25YrCancerHighEnd_InhSoilDerm	7.20E-08	1.53E-09	2.03E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	4.81E-06	1.41E-07	25YrCancerHighEnd_InhSoilDerm	1.38E-07	2.92E-09	3.90E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.26E-05	3.70E-07	25YrCancerHighEnd_InhSoilDerm	3.62E-07	7.66E-09	1.02E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	9.21E-06	2.71E-07	25YrCancerHighEnd_InhSoilDerm	2.64E-07	5.60E-09	7.46E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	8.42E-06	2.47E-07	25YrCancerHighEnd_InhSoilDerm	2.42E-07	5.12E-09	6.82E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	9.35E-06	2.75E-07	25YrCancerHighEnd_InhSoilDerm	2.68E-07	5.68E-09	7.57E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	9.66E-06	2.84E-07	25YrCancerHighEnd_InhSoilDerm	2.77E-07	5.87E-09	7.83E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.71E-05	7.96E-07	25YrCancerHighEnd_InhSoilDerm	7.78E-07	1.65E-08	2.20E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.64E-05	4.82E-07	25YrCancerHighEnd_InhSoilDerm	4.71E-07	9.96E-09	1.33E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.21E-05	6.49E-07	25YrCancerHighEnd_InhSoilDerm	6.34E-07	1.34E-08	1.79E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.07E-05	6.08E-07	25YrCancerHighEnd_InhSoilDerm	5.94E-07	1.26E-08	1.68E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	6.06E-05	1.78E-06	25YrCancerHighEnd_InhSoilDerm	1.74E-06	3.68E-08	4.91E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.34E-05	9.81E-07	25YrCancerHighEnd_InhSoilDerm	9.58E-07	2.03E-08	2.71E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.39E-05	9.96E-07	25YrCancerHighEnd_InhSoilDerm	9.73E-07	2.06E-08	2.75E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	3.78E-05	1.11E-06	25YrCancerHighEnd_InhSoilDerm	1.08E-06	2.30E-08	3.06E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.08E-05	1.20E-06	25YrCancerHighEnd_InhSoilDerm	1.17E-06	2.48E-08	3.31E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-2.97E-05	-8.73E-07	25YrCancerHighEnd_InhSoilDerm	-8.52E-07	-1.80E-08	-2.41E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	2.14E-06	6.29E-08	25YrCancerHighEnd_InhSoilDerm	6.14E-08	1.30E-09	1.73E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-1.68E-05	-4.94E-07	25YrCancerHighEnd_InhSoilDerm	-4.82E-07	-1.02E-08	-1.36E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	2.78E-06	8.17E-08	25YrCancerHighEnd_InhSoilDerm	7.98E-08	1.69E-09	2.25E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-8.27E-06	-2.43E-07	25YrCancerHighEnd_InhSoilDerm	-2.37E-07	-5.03E-09	-6.70E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	1.24E-06	3.64E-08	25YrCancerHighEnd_InhSoilDerm	3.56E-08	7.53E-10	1.00E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-9.62E-07	-2.83E-08	25YrCancerHighEnd_InhSoilDerm	-2.76E-08	-5.85E-10	-7.79E-11	0.00E+00

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	2.45E-07	7.20E-09	25YrCancerHighEnd_InhSoilDerm	7.03E-09	1.49E-10	1.98E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.05E-05	6.02E-07	25YrCancerHighEnd_InhSoilDerm	5.88E-07	1.25E-08	1.66E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.82E-05	8.29E-07	25YrCancerHighEnd_InhSoilDerm	8.09E-07	1.71E-08	2.28E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.05E-05	6.02E-07	25YrCancerHighEnd_InhSoilDerm	5.88E-07	1.25E-08	1.66E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	6.63E-06	1.95E-07	25YrCancerHighEnd_InhSoilDerm	1.90E-07	4.03E-09	5.37E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.41E-05	-4.14E-07	25YrCancerHighEnd_InhSoilDerm	-4.05E-07	-8.57E-09	-1.14E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.47E-07	4.32E-09	25YrCancerHighEnd_InhSoilDerm	4.22E-09	8.93E-11	1.19E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.07E-07	3.14E-09	25YrCancerHighEnd_InhSoilDerm	3.07E-09	6.50E-11	8.67E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.31E-07	3.85E-09	25YrCancerHighEnd_InhSoilDerm	3.76E-09	7.96E-11	1.06E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.27E-07	6.67E-09	25YrCancerHighEnd_InhSoilDerm	6.51E-09	1.38E-10	1.84E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.44E-07	7.17E-09	25YrCancerHighEnd_InhSoilDerm	7.00E-09	1.48E-10	1.98E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.54E-07	1.04E-08	25YrCancerHighEnd_InhSoilDerm	1.02E-08	2.15E-10	2.87E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.64E-07	1.07E-08	25YrCancerHighEnd_InhSoilDerm	1.04E-08	2.21E-10	2.95E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.58E-07	1.05E-08	25YrCancerHighEnd_InhSoilDerm	1.03E-08	2.18E-10	2.90E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.63E-07	1.07E-08	25YrCancerHighEnd_InhSoilDerm	1.04E-08	2.21E-10	2.94E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.56E-07	4.58E-09	25YrCancerHighEnd_InhSoilDerm	4.48E-09	9.48E-11	1.26E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.86E-07	5.47E-09	25YrCancerHighEnd_InhSoilDerm	5.34E-09	1.13E-10	1.51E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.51E-07	4.44E-09	25YrCancerHighEnd_InhSoilDerm	4.33E-09	9.18E-11	1.22E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-8.69E-07	-2.55E-08	25YrCancerHighEnd_InhSoilDerm	-2.49E-08	-5.28E-10	-7.04E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.18E-07	6.41E-09	25YrCancerHighEnd_InhSoilDerm	6.26E-09	1.32E-10	1.77E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.06E-07	1.19E-08	25YrCancerHighEnd_InhSoilDerm	1.17E-08	2.47E-10	3.29E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.72E-05	5.05E-07	25YrCancerHighEnd_InhSoilDerm	4.94E-07	1.05E-08	1.39E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.12E-05	3.29E-07	25YrCancerHighEnd_InhSoilDerm	3.21E-07	6.81E-09	9.07E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	5.59E-06	1.64E-07	25YrCancerHighEnd_InhSoilDerm	1.60E-07	3.40E-09	4.53E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-9.38E-06	-2.76E-07	25YrCancerHighEnd_InhSoilDerm	-2.69E-07	-5.70E-09	-7.60E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.05E-05	-3.09E-07	25YrCancerHighEnd_InhSoilDerm	-3.01E-07	-6.38E-09	-8.51E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.12E-05	9.17E-07	25YrCancerHighEnd_InhSoilDerm	8.95E-07	1.90E-08	2.53E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.29E-05	3.79E-07	25YrCancerHighEnd_InhSoilDerm	3.70E-07	7.84E-09	1.05E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.19E-06	6.43E-08	25YrCancerHighEnd_InhSoilDerm	6.28E-08	1.33E-09	1.77E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.33E-06	6.85E-08	25YrCancerHighEnd_InhSoilDerm	6.69E-08	1.42E-09	1.89E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.62E-07	1.95E-08	25YrCancerHighEnd_InhSoilDerm	1.90E-08	4.02E-10	5.36E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	9.42E-07	2.77E-08	25YrCancerHighEnd_InhSoilDerm	2.70E-08	5.72E-10	7.63E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.18E-06	3.47E-08	25YrCancerHighEnd_InhSoilDerm	3.39E-08	7.17E-10	9.56E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.34E-05	3.94E-07	25YrCancerHighEnd_InhSoilDerm	3.85E-07	8.14E-09	1.09E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	4.30E-05	1.26E-06	25YrCancerHighEnd_InhSoilDerm	1.23E-06	2.61E-08	3.48E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	4.41E-05	1.30E-06	25YrCancerHighEnd_InhSoilDerm	1.27E-06	2.68E-08	3.57E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.09E-05	1.20E-06	25YrCancerHighEnd_InhSoilDerm	1.17E-06	2.49E-08	3.31E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	8.65E-06	2.54E-07	25YrCancerHighEnd_InhSoilDerm	2.48E-07	5.26E-09	7.01E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	3.08E-07	9.05E-09	25YrCancerHighEnd_InhSoilDerm	8.84E-09	1.87E-10	2.50E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.29E-06	9.67E-08	25YrCancerHighEnd_InhSoilDerm	9.44E-08	2.00E-09	2.67E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.61E-05	4.73E-07	25YrCancerHighEnd_InhSoilDerm	4.62E-07	9.78E-09	1.30E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.08E-06	1.20E-07	25YrCancerHighEnd_InhSoilDerm	1.17E-07	2.48E-09	3.31E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.77E-06	5.20E-08	25YrCancerHighEnd_InhSoilDerm	5.08E-08	1.08E-09	1.43E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.71E-06	7.96E-08	25YrCancerHighEnd_InhSoilDerm	7.78E-08	1.65E-09	2.20E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.11E-06	6.20E-08	25YrCancerHighEnd_InhSoilDerm	6.05E-08	1.28E-09	1.71E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	5.05E-06	1.48E-07	25YrCancerHighEnd_InhSoilDerm	1.45E-07	3.07E-09	4.09E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	9.27E-07	2.72E-08	25YrCancerHighEnd_InhSoilDerm	2.66E-08	5.63E-10	7.51E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.96E-06	1.46E-07	25YrCancerHighEnd_InhSoilDerm	1.42E-07	3.01E-09	4.02E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.60E-06	1.35E-07	25YrCancerHighEnd_InhSoilDerm	1.32E-07	2.80E-09	3.73E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	8.42E-06	2.47E-07	25YrCancerHighEnd_InhSoilDerm	2.42E-07	5.12E-09	6.82E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.99E-06	5.85E-08	25YrCancerHighEnd_InhSoilDerm	5.71E-08	1.21E-09	1.61E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	9.45E-07	2.78E-08	25YrCancerHighEnd_InhSoilDerm	2.71E-08	5.74E-10	7.66E-11	0.00E+00
263	900	935	18540299	Cr(VI)	6.97E-06	2.05E-07	25YrCancerHighEnd_InhSoilDerm	2.00E-07	4.24E-09	5.65E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.71E-06	5.02E-08	25YrCancerHighEnd_InhSoilDerm	4.91E-08	1.04E-09	1.39E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	1.13E-05	1.67E-10	25YrCancerHighEnd_InhSoilDerm	2.67E-11	1.17E-10	2.33E-11	0.00E+00
266	-1778.03	-291.29	7439921	Lead	1.44E-05	2.13E-10	25YrCancerHighEnd_InhSoilDerm	3.40E-11	1.49E-10	2.97E-11	0.00E+00
267	-1732.28	175.05	7439921	Lead	8.17E-06	1.21E-10	25YrCancerHighEnd_InhSoilDerm	1.93E-11	8.44E-11	1.69E-11	0.00E+00
268	-1579.43	347.93	7439921	Lead	5.58E-06	8.24E-11	25YrCancerHighEnd_InhSoilDerm	1.32E-11	5.76E-11	1.15E-11	0.00E+00
269	-1525.43	516.64	7439921	Lead	3.83E-06	5.65E-11	25YrCancerHighEnd_InhSoilDerm	9.05E-12	3.96E-11	7.91E-12	0.00E+00
270	-1332.88	500.04	7439921	Lead	4.91E-06	7.25E-11	25YrCancerHighEnd_InhSoilDerm	1.16E-11	5.07E-11	1.01E-11	0.00E+00
271	-1140.45	476.3	7439921	Lead	7.82E-06	1.15E-10	25YrCancerHighEnd_InhSoilDerm	1.85E-11	8.08E-11	1.62E-11	0.00E+00
272	-672.12	353.55	7439921	Lead	1.34E-05	1.98E-10	25YrCancerHighEnd_InhSoilDerm	3.17E-11	1.38E-10	2.77E-11	0.00E+00
273	-169.37	170.38	7439921	Lead	1.80E-05	2.66E-10	25YrCancerHighEnd_InhSoilDerm	4.25E-11	1.86E-10	3.72E-11	0.00E+00
274	-75.04	299.11	7439921	Lead	1.31E-05	1.93E-10	25YrCancerHighEnd_InhSoilDerm	3.10E-11	1.35E-10	2.71E-11	0.00E+00
275	49.15	527.2	7439921	Lead	9.28E-06	1.37E-10	25YrCancerHighEnd_InhSoilDerm	2.19E-11	9.59E-11	1.92E-11	0.00E+00
276	144.22	648.15	7439921	Lead	8.51E-06	1.26E-10	25YrCancerHighEnd_InhSoilDerm	2.01E-11	8.79E-11	1.76E-11	0.00E+00
277	394.15	623.31	7439921	Lead	1.09E-05	1.61E-10	25YrCancerHighEnd_InhSoilDerm	2.58E-11	1.13E-10	2.25E-11	0.00E+00
278	501.62	717.12	7439921	Lead	1.74E-05	2.57E-10	25YrCancerHighEnd_InhSoilDerm	4.11E-11	1.80E-10	3.59E-11	0.00E+00
279	618.47	665.12	7439921	Lead	1.39E-05	2.05E-10	25YrCancerHighEnd_InhSoilDerm	3.28E-11	1.44E-10	2.87E-11	0.00E+00
280	755.45	579.13	7439921	Lead	1.29E-05	1.90E-10	25YrCancerHighEnd_InhSoilDerm	3.05E-11	1.33E-10	2.67E-11	0.00E+00
281	867.79	485.41	7439921	Lead	1.36E-05	2.01E-10	25YrCancerHighEnd_InhSoilDerm	3.21E-11	1.40E-10	2.81E-11	0.00E+00
282	955.03	377.6	7439921	Lead	0.0000139	2.05E-10	25YrCancerHighEnd_InhSoilDerm	3.28E-11	1.44E-10	2.87E-11	0.00E+00
283	1331.68	-165.58	7439921	Lead	0.0000306	4.52E-10	25YrCancerHighEnd_InhSoilDerm	7.23E-11	3.16E-10	6.32E-11	0.00E+00
284	1406.74	-290.13	7439921	Lead	0.0000219	3.23E-10	25YrCancerHighEnd_InhSoilDerm	5.18E-11	2.26E-10	4.52E-11	0.00E+00
285	1456.2	-436.06	7439921	Lead	0.0000294	4.34E-10	25YrCancerHighEnd_InhSoilDerm	6.95E-11	3.04E-10	6.07E-11	0.00E+00
286	1209.21	-528.32	7439921	Lead	0.0000344	5.08E-10	25YrCancerHighEnd_InhSoilDerm	8.13E-11	3.55E-10	7.11E-11	0.00E+00
287	913.01	-694.67	7439921	Lead	0.0000766	1.13E-09	25YrCancerHighEnd_InhSoilDerm	1.81E-10	7.91E-10	1.58E-10	0.00E+00
288	717.24	-664.22	7439921	Lead	0.0000578	8.53E-10	25YrCancerHighEnd_InhSoilDerm	1.37E-10	5.97E-10	1.19E-10	0.00E+00
289	544.23	-594.35	7439921	Lead	0.0000666	9.83E-10	25YrCancerHighEnd_InhSoilDerm	1.57E-10	6.88E-10	1.38E-10	0.00E+00
290	338.12	-539.73	7439921	Lead	0.0000799	1.18E-09	25YrCancerHighEnd_InhSoilDerm	1.89E-10	8.25E-10	1.65E-10	0.00E+00
291	123.44	-529.45	7439921	Lead	0.0000946	1.40E-09	25YrCancerHighEnd_InhSoilDerm	2.24E-10	9.77E-10	1.95E-10	0.00E+00
292	-353.26	-515.05	7439921	Lead	0.0000343	5.06E-10	25YrCancerHighEnd_InhSoilDerm	8.11E-11	3.54E-10	7.09E-11	0.00E+00
293	-537.68	-487.8	7439921	Lead	0.000072	1.06E-09	25YrCancerHighEnd_InhSoilDerm	1.70E-10	7.44E-10	1.49E-10	0.00E+00
294	-775.51	-486.07	7439921	Lead	0.0000546	8.06E-10	25YrCancerHighEnd_InhSoilDerm	1.29E-10	5.64E-10	1.13E-10	0.00E+00
295	-1414.44	-481.5	7439921	Lead	0.0000145	2.14E-10	25YrCancerHighEnd_InhSoilDerm	3.43E-11	1.50E-10	3.00E-11	0.00E+00
296	-1515.21	-320.18	7439921	Lead	1.80E-05	2.66E-10	25YrCancerHighEnd_InhSoilDerm	4.25E-11	1.86E-10	3.72E-11	0.00E+00
297	-1749.69	-63.9	7439921	Lead	2.65E-05	3.91E-10	25YrCancerHighEnd_InhSoilDerm	6.26E-11	2.74E-10	5.47E-11	0.00E+00
298	-920.57	426.17	7439921	Lead	9.65E-06	1.42E-10	25YrCancerHighEnd_InhSoilDerm	2.28E-11	9.97E-11	1.99E-11	0.00E+00
299	-420.73	233.87	7439921	Lead	1.73E-05	2.55E-10	25YrCancerHighEnd_InhSoilDerm	4.09E-11	1.79E-10	3.57E-11	0.00E+00
300	1090.12	214.1	7439921	Lead	2.34E-05	3.45E-10	25YrCancerHighEnd_InhSoilDerm	5.53E-11	2.42E-10	4.83E-11	0.00E+00
301	1183.39	65.17	7439921	Lead	3.11E-05	4.59E-10	25YrCancerHighEnd_InhSoilDerm	7.35E-11	3.21E-10	6.42E-11	0.00E+00
302	1055.3	-577.42	7439921	Lead	3.60E-05	5.31E-10	25YrCancerHighEnd_InhSoilDerm	8.51E-11	3.72E-10	7.44E-11	0.00E+00
303	-103.02	-518.78	7439921	Lead	6.87E-05	1.01E-09	25YrCancerHighEnd_InhSoilDerm	1.62E-10	7.10E-10	1.42E-10	0.00E+00
304	-1076.39	-488.67	7439921	Lead	0.0000124	1.83E-10	25YrCancerHighEnd_InhSoilDerm	2.93E-11	1.28E-10	2.56E-11	0.00E+00
305	-4113.79	-1330.97	7439921	Lead	0.000000788	1.16E-11	25YrCancerHighEnd_InhSoilDerm	1.86E-12	8.14E-12	1.63E-12	0.00E+00
306	-5050.04	-958.41	7439921	Lead	0.000000548	8.09E-12	25YrCancerHighEnd_InhSoilDerm	1.29E-12	5.66E-12	1.13E-12	0.00E+00
307	-4023.97	-112.26	7439921	Lead	8.03E-07	1.19E-11	25YrCancerHighEnd_InhSoilDerm	1.90E-12	8.29E-12	1.66E-12	0.00E+00
308	-2122.34	995.23	7439921	Lead	1.14E-06	1.68E-11	25YrCancerHighEnd_InhSoilDerm	2.69E-12	1.18E-11	2.36E-12	0.00E+00
309	-2734.69	227.4	7439921	Lead	1.86E-06	2.75E-11	25YrCancerHighEnd_InhSoilDerm	4.40E-12	1.92E-11	3.84E-12	0.00E+00
310	-2371.11	-69.21	7439921	Lead	2.58E-06	3.81E-11	25YrCancerHighEnd_InhSoilDerm	6.10E-12	2.67E-11	5.33E-12	0.00E+00
311	-2146.26	177.17	7439921	Lead	3.22E-06	4.75E-11	25YrCancerHighEnd_InhSoilDerm	7.61E-12	3.33E-11	6.65E-12	0.00E+00
312	-1919.02	445.07	7439921	Lead	2.69E-06	3.97E-11	25YrCancerHighEnd_InhSoilDerm	6.36E-12	2.78E-11	5.56E-12	0.00E+00
313	-1651.12	607.72	7439921	Lead	2.76E-06	4.07E-11	25YrCancerHighEnd_InhSoilDerm	6.52E-12	2.85E-11	5.70E-12	0.00E+00
314	-3361.39	677.09	7439921	Lead	1.12E-06	1.65E-11	25YrCancerHighEnd_InhSoilDerm	2.65E-12	1.16E-11	2.31E-12	0.00E+00
315	-3026.51	724.93	7439921	Lead	1.17E-06	1.73E-11	25YrCancerHighEnd_InhSoilDerm	2.76E-12	1.21E-11	2.42E-12	0.00E+00

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	1.09E-06	1.61E-11	25YrCancerHighEnd_InhSoilDerm	2.58E-12	1.13E-11	2.25E-12	0.00E+00
317	-922.86	446.42	7439921	Lead	9.15E-06	1.35E-10	25YrCancerHighEnd_InhSoilDerm	2.16E-11	9.45E-11	1.89E-11	0.00E+00
318	-1799.42	1088.51	7439921	Lead	1.48E-06	2.18E-11	25YrCancerHighEnd_InhSoilDerm	3.50E-12	1.53E-11	3.06E-12	0.00E+00
319	-359.36	1846.44	7439921	Lead	2.42E-06	3.57E-11	25YrCancerHighEnd_InhSoilDerm	5.72E-12	2.50E-11	5.00E-12	0.00E+00
320	671.3	-742.78	7439921	Lead	3.69E-05	5.45E-10	25YrCancerHighEnd_InhSoilDerm	8.72E-11	3.81E-10	7.62E-11	0.00E+00
321	-1565.55	-932.22	7439921	Lead	1.59E-05	2.35E-10	25YrCancerHighEnd_InhSoilDerm	3.76E-11	1.64E-10	3.28E-11	0.00E+00
322	-1733.02	-528.24	7439921	Lead	1.30E-05	1.92E-10	25YrCancerHighEnd_InhSoilDerm	3.07E-11	1.34E-10	2.69E-11	0.00E+00
323	-1261.46	-507.67	7439921	Lead	4.80E-06	7.08E-11	25YrCancerHighEnd_InhSoilDerm	1.13E-11	4.96E-11	9.92E-12	0.00E+00
324	-883.92	-503.26	7439921	Lead	0.0000401	5.92E-10	25YrCancerHighEnd_InhSoilDerm	9.48E-11	4.14E-10	8.28E-11	0.00E+00
325	1599.35	-1104.97	7439921	Lead	0.0000372	5.49E-10	25YrCancerHighEnd_InhSoilDerm	8.79E-11	3.84E-10	7.69E-11	0.00E+00
326	1608.16	-1382.63	7439921	Lead	1.84E-05	2.72E-10	25YrCancerHighEnd_InhSoilDerm	4.35E-11	1.90E-10	3.80E-11	0.00E+00
327	3517.15	-1425.27	7439921	Lead	4.18E-06	6.17E-11	25YrCancerHighEnd_InhSoilDerm	9.88E-12	4.32E-11	8.64E-12	0.00E+00
328	2959.77	-846.37	7439921	Lead	4.30E-06	6.35E-11	25YrCancerHighEnd_InhSoilDerm	1.02E-11	4.44E-11	8.88E-12	0.00E+00
329	3479.67	224.81	7439921	Lead	0.00000135	1.99E-11	25YrCancerHighEnd_InhSoilDerm	3.19E-12	1.39E-11	2.79E-12	0.00E+00
330	44.43	1469.76	7439921	Lead	0.00000367	5.42E-11	25YrCancerHighEnd_InhSoilDerm	8.67E-12	3.79E-11	7.58E-12	0.00E+00
331	3044.83	-34	7439921	Lead	2.11E-06	3.11E-11	25YrCancerHighEnd_InhSoilDerm	4.99E-12	2.18E-11	4.36E-12	0.00E+00
332	1088	-938	7439921	Lead	2.41E-05	3.56E-10	25YrCancerHighEnd_InhSoilDerm	5.69E-11	2.49E-10	4.98E-11	0.00E+00
333	1647	-390	7439921	Lead	4.62E-05	6.82E-10	25YrCancerHighEnd_InhSoilDerm	1.09E-10	4.77E-10	9.54E-11	0.00E+00
334	1650	-890	7439921	Lead	4.99E-05	7.36E-10	25YrCancerHighEnd_InhSoilDerm	1.18E-10	5.15E-10	1.03E-10	0.00E+00
335	1430	215	7439921	Lead	4.20E-05	6.20E-10	25YrCancerHighEnd_InhSoilDerm	9.92E-11	4.34E-10	8.68E-11	0.00E+00
336	1142	615	7439921	Lead	0.0000116	1.71E-10	25YrCancerHighEnd_InhSoilDerm	2.74E-11	1.20E-10	2.40E-11	0.00E+00
337	-333	-788	7439921	Lead	0.0000264	3.90E-10	25YrCancerHighEnd_InhSoilDerm	6.24E-11	2.73E-10	5.45E-11	0.00E+00
338	-42	-825	7439921	Lead	0.0000279	4.12E-10	25YrCancerHighEnd_InhSoilDerm	6.59E-11	2.88E-10	5.76E-11	0.00E+00
339	1900	-1175	7439921	Lead	0.0000212	3.13E-10	25YrCancerHighEnd_InhSoilDerm	5.01E-11	2.19E-10	4.38E-11	0.00E+00
340	1815	-1910	7439921	Lead	0.0000077	1.14E-10	25YrCancerHighEnd_InhSoilDerm	1.82E-11	7.95E-11	1.59E-11	0.00E+00
341	2575	-2650	7439921	Lead	0.00000391	5.77E-11	25YrCancerHighEnd_InhSoilDerm	9.24E-12	4.04E-11	8.08E-12	0.00E+00
342	2665	-2025	7439921	Lead	0.00000552	8.15E-11	25YrCancerHighEnd_InhSoilDerm	1.30E-11	5.70E-11	1.14E-11	0.00E+00
343	3480	-2025	7439921	Lead	0.0000044	6.49E-11	25YrCancerHighEnd_InhSoilDerm	1.04E-11	4.55E-11	9.09E-12	0.00E+00
344	2667	-1400	7439921	Lead	0.0000083	1.22E-10	25YrCancerHighEnd_InhSoilDerm	1.96E-11	8.57E-11	1.71E-11	0.00E+00
345	3400	-250	7439921	Lead	0.00000184	2.72E-11	25YrCancerHighEnd_InhSoilDerm	4.35E-12	1.90E-11	3.80E-12	0.00E+00
346	2577	-940	7439921	Lead	0.00000781	1.15E-10	25YrCancerHighEnd_InhSoilDerm	1.85E-11	8.07E-11	1.61E-11	0.00E+00
347	2404	-475	7439921	Lead	0.00000663	9.78E-11	25YrCancerHighEnd_InhSoilDerm	1.57E-11	6.85E-11	1.37E-11	0.00E+00
348	1577	291	7439921	Lead	0.0000104	1.53E-10	25YrCancerHighEnd_InhSoilDerm	2.46E-11	1.07E-10	2.15E-11	0.00E+00
349	2400	240	7439921	Lead	0.0000031	4.58E-11	25YrCancerHighEnd_InhSoilDerm	7.33E-12	3.20E-11	6.40E-12	0.00E+00
350	2600	1290	7439921	Lead	0.00000177	2.61E-11	25YrCancerHighEnd_InhSoilDerm	4.18E-12	1.83E-11	3.66E-12	0.00E+00
351	900	935	7439921	Lead	0.0000114	1.68E-10	25YrCancerHighEnd_InhSoilDerm	2.69E-11	1.18E-10	2.36E-11	0.00E+00
352	1375	1395	7439921	Lead	0.00000362	5.34E-11	25YrCancerHighEnd_InhSoilDerm	8.55E-12	3.74E-11	7.48E-12	0.00E+00
353	-1710.89	-383.91	7440020	Nickel	-0.0000228	-1.17E-09	25YrCancerHighEnd_InhSoilDerm	-1.17E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000121	-6.20E-10	25YrCancerHighEnd_InhSoilDerm	-6.20E-10	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000145	7.42E-10	25YrCancerHighEnd_InhSoilDerm	7.42E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000147	7.53E-10	25YrCancerHighEnd_InhSoilDerm	7.53E-10	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000499	2.55E-10	25YrCancerHighEnd_InhSoilDerm	2.55E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000187	-9.57E-11	25YrCancerHighEnd_InhSoilDerm	-9.57E-11	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000141	-7.22E-10	25YrCancerHighEnd_InhSoilDerm	-7.22E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000231	-1.18E-09	25YrCancerHighEnd_InhSoilDerm	-1.18E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000209	1.07E-09	25YrCancerHighEnd_InhSoilDerm	1.07E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000209	1.07E-09	25YrCancerHighEnd_InhSoilDerm	1.07E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000233	1.19E-09	25YrCancerHighEnd_InhSoilDerm	1.19E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000304	1.56E-09	25YrCancerHighEnd_InhSoilDerm	1.56E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.000057	2.92E-09	25YrCancerHighEnd_InhSoilDerm	2.92E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000167	8.55E-09	25YrCancerHighEnd_InhSoilDerm	8.55E-09	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000121	6.20E-09	25YrCancerHighEnd_InhSoilDerm	6.20E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.00011	5.63E-09	25YrCancerHighEnd_InhSoilDerm	5.63E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000124	6.35E-09	25YrCancerHighEnd_InhSoilDerm	6.35E-09	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000129	6.60E-09	25YrCancerHighEnd_InhSoilDerm	6.60E-09	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000373	1.91E-08	25YrCancerHighEnd_InhSoilDerm	1.91E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.00022	1.13E-08	25YrCancerHighEnd_InhSoilDerm	1.13E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000295	1.51E-08	25YrCancerHighEnd_InhSoilDerm	1.51E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000267	1.37E-08	25YrCancerHighEnd_InhSoilDerm	1.37E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000826	4.23E-08	25YrCancerHighEnd_InhSoilDerm	4.23E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000447	2.29E-08	25YrCancerHighEnd_InhSoilDerm	2.29E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000453	2.32E-08	25YrCancerHighEnd_InhSoilDerm	2.32E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.00051	2.61E-08	25YrCancerHighEnd_InhSoilDerm	2.61E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.00056	2.87E-08	25YrCancerHighEnd_InhSoilDerm	2.87E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000433	-2.22E-08	25YrCancerHighEnd_InhSoilDerm	-2.22E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000127	6.50E-10	25YrCancerHighEnd_InhSoilDerm	6.50E-10	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.00025	-1.28E-08	25YrCancerHighEnd_InhSoilDerm	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000348	1.78E-09	25YrCancerHighEnd_InhSoilDerm	1.78E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.00012	-6.14E-09	25YrCancerHighEnd_InhSoilDerm	-6.14E-09	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000172	8.81E-10	25YrCancerHighEnd_InhSoilDerm	8.81E-10	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000241	-1.23E-09	25YrCancerHighEnd_InhSoilDerm	-1.23E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000683	-3.50E-10	25YrCancerHighEnd_InhSoilDerm	-3.50E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000286	1.46E-08	25YrCancerHighEnd_InhSoilDerm	1.46E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.91E-04	2.00E-08	25YrCancerHighEnd_InhSoilDerm	2.00E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000264	1.35E-08	25YrCancerHighEnd_InhSoilDerm	1.35E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000806	4.13E-09	25YrCancerHighEnd_InhSoilDerm	4.13E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.0002	-1.02E-08	25YrCancerHighEnd_InhSoilDerm	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000176	9.01E-11	25YrCancerHighEnd_InhSoilDerm	9.01E-11	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000128	6.55E-11	25YrCancerHighEnd_InhSoilDerm	6.55E-11	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000153	7.83E-11	25YrCancerHighEnd_InhSoilDerm	7.83E-11	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000268	1.37E-10	25YrCancerHighEnd_InhSoilDerm	1.37E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000276	1.41E-10	25YrCancerHighEnd_InhSoilDerm	1.41E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000411	2.10E-10	25YrCancerHighEnd_InhSoilDerm	2.10E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000402	2.06E-10	25YrCancerHighEnd_InhSoilDerm	2.06E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000379	1.94E-10	25YrCancerHighEnd_InhSoilDerm	1.94E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000451	2.31E-10	25YrCancerHighEnd_InhSoilDerm	2.31E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000176	9.01E-11	25YrCancerHighEnd_InhSoilDerm	9.01E-11	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000212	1.09E-10	25YrCancerHighEnd_InhSoilDerm	1.09E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000151	7.73E-11	25YrCancerHighEnd_InhSoilDerm	7.73E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000222	-1.14E-09	25YrCancerHighEnd_InhSoilDerm	-1.14E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000249	1.27E-10	25YrCancerHighEnd_InhSoilDerm	1.27E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000421	2.16E-10	25YrCancerHighEnd_InhSoilDerm	2.16E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000228	1.17E-08	25YrCancerHighEnd_InhSoilDerm	1.17E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000153	7.83E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-09	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.000075	3.84E-09	25YrCancerHighEnd_InhSoilDerm	3.84E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000133	-6.81E-09	25YrCancerHighEnd_InhSoilDerm	-6.81E-09	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000156	-7.99E-09	25YrCancerHighEnd_InhSoilDerm	-7.99E-09	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000428	2.19E-08	25YrCancerHighEnd_InhSoilDerm	2.19E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000175	8.96E-09	25YrCancerHighEnd_InhSoilDerm	8.96E-09	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000283	1.45E-09	25YrCancerHighEnd_InhSoilDerm	1.45E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000299	1.53E-09	25YrCancerHighEnd_InhSoilDerm	1.53E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000851	4.36E-10	25YrCancerHighEnd_InhSoilDerm	4.36E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.000011	5.63E-10	25YrCancerHighEnd_InhSoilDerm	5.63E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000153	7.83E-10	25YrCancerHighEnd_InhSoilDerm	7.83E-10	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000177	9.06E-09	25YrCancerHighEnd_InhSoilDerm	9.06E-09	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000592	3.03E-08	25YrCancerHighEnd_InhSoilDerm	3.03E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000604	3.09E-08	25YrCancerHighEnd_InhSoilDerm	3.09E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000567	2.90E-08	25YrCancerHighEnd_InhSoilDerm	2.90E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000116	5.94E-09	25YrCancerHighEnd_InhSoilDerm	5.94E-09	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.00000283	-1.45E-10	25YrCancerHighEnd_InhSoilDerm	-1.45E-10	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000393	2.01E-09	25YrCancerHighEnd_InhSoilDerm	2.01E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000219	1.12E-08	25YrCancerHighEnd_InhSoilDerm	1.12E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000539	2.76E-09	25YrCancerHighEnd_InhSoilDerm	2.76E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000023	1.18E-09	25YrCancerHighEnd_InhSoilDerm	1.18E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000354	1.81E-09	25YrCancerHighEnd_InhSoilDerm	1.81E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000274	1.40E-09	25YrCancerHighEnd_InhSoilDerm	1.40E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.000067	3.43E-09	25YrCancerHighEnd_InhSoilDerm	3.43E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000119	6.09E-10	25YrCancerHighEnd_InhSoilDerm	6.09E-10	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000654	3.35E-09	25YrCancerHighEnd_InhSoilDerm	3.35E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000613	3.14E-09	25YrCancerHighEnd_InhSoilDerm	3.14E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000115	5.89E-09	25YrCancerHighEnd_InhSoilDerm	5.89E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000263	1.35E-09	25YrCancerHighEnd_InhSoilDerm	1.35E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000124	6.35E-10	25YrCancerHighEnd_InhSoilDerm	6.35E-10	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000843	4.32E-09	25YrCancerHighEnd_InhSoilDerm	4.32E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000217	1.11E-09	25YrCancerHighEnd_InhSoilDerm	1.11E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.017	1.05E-06	25YrCancerHighEnd_InhSoilDerm	1.05E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0222	1.37E-06	25YrCancerHighEnd_InhSoilDerm	1.37E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0394	2.44E-06	25YrCancerHighEnd_InhSoilDerm	2.44E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0431	2.67E-06	25YrCancerHighEnd_InhSoilDerm	2.67E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0117	7.24E-07	25YrCancerHighEnd_InhSoilDerm	7.24E-07	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.00252	-1.56E-07	25YrCancerHighEnd_InhSoilDerm	-1.56E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0337	-2.09E-06	25YrCancerHighEnd_InhSoilDerm	-2.09E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0555	-3.43E-06	25YrCancerHighEnd_InhSoilDerm	-3.43E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00854	5.29E-07	25YrCancerHighEnd_InhSoilDerm	5.29E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0013	8.05E-08	25YrCancerHighEnd_InhSoilDerm	8.05E-08	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.00806	-4.99E-07	25YrCancerHighEnd_InhSoilDerm	-4.99E-07	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0105	-6.50E-07	25YrCancerHighEnd_InhSoilDerm	-6.50E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0636	-3.94E-06	25YrCancerHighEnd_InhSoilDerm	-3.94E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0348	-2.15E-06	25YrCancerHighEnd_InhSoilDerm	-2.15E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0253	-1.57E-06	25YrCancerHighEnd_InhSoilDerm	-1.57E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0143	-8.85E-07	25YrCancerHighEnd_InhSoilDerm	-8.85E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00752	-4.65E-07	25YrCancerHighEnd_InhSoilDerm	-4.65E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00402	-2.49E-07	25YrCancerHighEnd_InhSoilDerm	-2.49E-07	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0116	7.18E-07	25YrCancerHighEnd_InhSoilDerm	7.18E-07	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.000555	3.43E-08	25YrCancerHighEnd_InhSoilDerm	3.43E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00671	-4.15E-07	25YrCancerHighEnd_InhSoilDerm	-4.15E-07	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00539	-3.34E-07	25YrCancerHighEnd_InhSoilDerm	-3.34E-07	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0143	-8.85E-07	25YrCancerHighEnd_InhSoilDerm	-8.85E-07	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.00274	-1.70E-07	25YrCancerHighEnd_InhSoilDerm	-1.70E-07	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.00699	4.33E-07	25YrCancerHighEnd_InhSoilDerm	4.33E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0397	2.46E-06	25YrCancerHighEnd_InhSoilDerm	2.46E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.107	6.62E-06	25YrCancerHighEnd_InhSoilDerm	6.62E-06	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.036	-2.23E-06	25YrCancerHighEnd_InhSoilDerm	-2.23E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0779	-4.82E-06	25YrCancerHighEnd_InhSoilDerm	-4.82E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.079	-4.89E-06	25YrCancerHighEnd_InhSoilDerm	-4.89E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0178	-1.10E-06	25YrCancerHighEnd_InhSoilDerm	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0211	1.31E-06	25YrCancerHighEnd_InhSoilDerm	1.31E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0662	4.10E-06	25YrCancerHighEnd_InhSoilDerm	4.10E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0606	-3.75E-06	25YrCancerHighEnd_InhSoilDerm	-3.75E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0309	-1.91E-06	25YrCancerHighEnd_InhSoilDerm	-1.91E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.000188	-1.16E-08	25YrCancerHighEnd_InhSoilDerm	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.011	6.81E-07	25YrCancerHighEnd_InhSoilDerm	6.81E-07	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.0041	-2.54E-07	25YrCancerHighEnd_InhSoilDerm	-2.54E-07	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.076	4.70E-06	25YrCancerHighEnd_InhSoilDerm	4.70E-06	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0677	-4.19E-06	25YrCancerHighEnd_InhSoilDerm	-4.19E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000457	-2.83E-08	25YrCancerHighEnd_InhSoilDerm	-2.83E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000321	-1.99E-08	25YrCancerHighEnd_InhSoilDerm	-1.99E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000453	-2.80E-08	25YrCancerHighEnd_InhSoilDerm	-2.80E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.000315	-1.95E-08	25YrCancerHighEnd_InhSoilDerm	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.000827	-5.12E-08	25YrCancerHighEnd_InhSoilDerm	-5.12E-08	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.000768	-4.75E-08	25YrCancerHighEnd_InhSoilDerm	-4.75E-08	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.000269	-1.66E-08	25YrCancerHighEnd_InhSoilDerm	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.000141	-8.73E-09	25YrCancerHighEnd_InhSoilDerm	-8.73E-09	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00672	4.16E-07	25YrCancerHighEnd_InhSoilDerm	4.16E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000544	-3.37E-08	25YrCancerHighEnd_InhSoilDerm	-3.37E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.00065	-4.02E-08	25YrCancerHighEnd_InhSoilDerm	-4.02E-08	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.000764	-4.73E-08	25YrCancerHighEnd_InhSoilDerm	-4.73E-08	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.056	-3.47E-06	25YrCancerHighEnd_InhSoilDerm	-3.47E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.000236	1.46E-08	25YrCancerHighEnd_InhSoilDerm	1.46E-08	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00372	-2.30E-07	25YrCancerHighEnd_InhSoilDerm	-2.30E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.00669	4.14E-07	25YrCancerHighEnd_InhSoilDerm	4.14E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.00821	-5.08E-07	25YrCancerHighEnd_InhSoilDerm	-5.08E-07	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00239	1.48E-07	25YrCancerHighEnd_InhSoilDerm	1.48E-07	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0401	-2.48E-06	25YrCancerHighEnd_InhSoilDerm	-2.48E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.07	-4.33E-06	25YrCancerHighEnd_InhSoilDerm	-4.33E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.00776	-4.80E-07	25YrCancerHighEnd_InhSoilDerm	-4.80E-07	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00586	-3.63E-07	25YrCancerHighEnd_InhSoilDerm	-3.63E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00196	-1.21E-07	25YrCancerHighEnd_InhSoilDerm	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00238	-1.47E-07	25YrCancerHighEnd_InhSoilDerm	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000677	-4.19E-08	25YrCancerHighEnd_InhSoilDerm	-4.19E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00519	-3.21E-07	25YrCancerHighEnd_InhSoilDerm	-3.21E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00123	-7.61E-08	25YrCancerHighEnd_InhSoilDerm	-7.61E-08	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00133	-8.23E-08	25YrCancerHighEnd_InhSoilDerm	-8.23E-08	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0121	-7.49E-07	25YrCancerHighEnd_InhSoilDerm	-7.49E-07	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0141	-8.73E-07	25YrCancerHighEnd_InhSoilDerm	-8.73E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0115	-7.12E-07	25YrCancerHighEnd_InhSoilDerm	-7.12E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.0012	-7.43E-08	25YrCancerHighEnd_InhSoilDerm	-7.43E-08	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0113	-6.99E-07	25YrCancerHighEnd_InhSoilDerm	-6.99E-07	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.00945	5.85E-07	25YrCancerHighEnd_InhSoilDerm	5.85E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00435	-2.69E-07	25YrCancerHighEnd_InhSoilDerm	-2.69E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.0029	-1.79E-07	25YrCancerHighEnd_InhSoilDerm	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00188	-1.16E-07	25YrCancerHighEnd_InhSoilDerm	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00245	-1.52E-07	25YrCancerHighEnd_InhSoilDerm	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00197	-1.22E-07	25YrCancerHighEnd_InhSoilDerm	-1.22E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00259	-1.60E-07	25YrCancerHighEnd_InhSoilDerm	-1.60E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00121	-7.49E-08	25YrCancerHighEnd_InhSoilDerm	-7.49E-08	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00287	-1.78E-07	25YrCancerHighEnd_InhSoilDerm	-1.78E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00334	-2.07E-07	25YrCancerHighEnd_InhSoilDerm	-2.07E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00298	-1.84E-07	25YrCancerHighEnd_InhSoilDerm	-1.84E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00143	-8.85E-08	25YrCancerHighEnd_InhSoilDerm	-8.85E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000365	-2.26E-08	25YrCancerHighEnd_InhSoilDerm	-2.26E-08	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00631	-3.91E-07	25YrCancerHighEnd_InhSoilDerm	-3.91E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00179	-1.11E-07	25YrCancerHighEnd_InhSoilDerm	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00107	3.61E-08	25YrCancerHighEnd_InhSoilDerm	3.61E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00103	3.48E-08	25YrCancerHighEnd_InhSoilDerm	3.48E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00143	4.83E-08	25YrCancerHighEnd_InhSoilDerm	4.83E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00162	5.47E-08	25YrCancerHighEnd_InhSoilDerm	5.47E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00139	4.69E-08	25YrCancerHighEnd_InhSoilDerm	4.69E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00434	1.47E-07	25YrCancerHighEnd_InhSoilDerm	1.47E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00536	1.81E-07	25YrCancerHighEnd_InhSoilDerm	1.81E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00344	1.16E-07	25YrCancerHighEnd_InhSoilDerm	1.16E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00483	1.63E-07	25YrCancerHighEnd_InhSoilDerm	1.63E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00318	1.07E-07	25YrCancerHighEnd_InhSoilDerm	1.07E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00194	6.55E-08	25YrCancerHighEnd_InhSoilDerm	6.55E-08	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00151	5.10E-08	25YrCancerHighEnd_InhSoilDerm	5.10E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000924	3.12E-08	25YrCancerHighEnd_InhSoilDerm	3.12E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000159	-5.37E-10	25YrCancerHighEnd_InhSoilDerm	-5.37E-10	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000552	1.86E-08	25YrCancerHighEnd_InhSoilDerm	1.86E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000903	3.05E-08	25YrCancerHighEnd_InhSoilDerm	3.05E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00103	3.48E-08	25YrCancerHighEnd_InhSoilDerm	3.48E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00128	4.32E-08	25YrCancerHighEnd_InhSoilDerm	4.32E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00286	9.65E-08	25YrCancerHighEnd_InhSoilDerm	9.65E-08	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00477	1.61E-07	25YrCancerHighEnd_InhSoilDerm	1.61E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00819	2.76E-07	25YrCancerHighEnd_InhSoilDerm	2.76E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0174	5.87E-07	25YrCancerHighEnd_InhSoilDerm	5.87E-07	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00582	1.96E-07	25YrCancerHighEnd_InhSoilDerm	1.96E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00597	2.02E-07	25YrCancerHighEnd_InhSoilDerm	2.02E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00587	1.98E-07	25YrCancerHighEnd_InhSoilDerm	1.98E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00554	1.87E-07	25YrCancerHighEnd_InhSoilDerm	1.87E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00562	1.90E-07	25YrCancerHighEnd_InhSoilDerm	1.90E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00296	9.99E-08	25YrCancerHighEnd_InhSoilDerm	9.99E-08	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00216	7.29E-08	25YrCancerHighEnd_InhSoilDerm	7.29E-08	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000614	2.07E-08	25YrCancerHighEnd_InhSoilDerm	2.07E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000519	1.75E-08	25YrCancerHighEnd_InhSoilDerm	1.75E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00167	5.64E-08	25YrCancerHighEnd_InhSoilDerm	5.64E-08	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00144	4.86E-08	25YrCancerHighEnd_InhSoilDerm	4.86E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00369	1.25E-07	25YrCancerHighEnd_InhSoilDerm	1.25E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00437	1.48E-07	25YrCancerHighEnd_InhSoilDerm	1.48E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.00034	1.15E-08	25YrCancerHighEnd_InhSoilDerm	1.15E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00131	4.42E-08	25YrCancerHighEnd_InhSoilDerm	4.42E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0137	4.62E-07	25YrCancerHighEnd_InhSoilDerm	4.62E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00449	1.52E-07	25YrCancerHighEnd_InhSoilDerm	1.52E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000426	1.44E-08	25YrCancerHighEnd_InhSoilDerm	1.44E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000105	3.54E-09	25YrCancerHighEnd_InhSoilDerm	3.54E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.000066	2.23E-09	25YrCancerHighEnd_InhSoilDerm	2.23E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000976	3.29E-09	25YrCancerHighEnd_InhSoilDerm	3.29E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000211	7.12E-09	25YrCancerHighEnd_InhSoilDerm	7.12E-09	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000232	7.83E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-09	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000334	1.13E-08	25YrCancerHighEnd_InhSoilDerm	1.13E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000484	1.63E-08	25YrCancerHighEnd_InhSoilDerm	1.63E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.00058	1.96E-08	25YrCancerHighEnd_InhSoilDerm	1.96E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000727	2.45E-08	25YrCancerHighEnd_InhSoilDerm	2.45E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000143	4.83E-09	25YrCancerHighEnd_InhSoilDerm	4.83E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000168	5.67E-09	25YrCancerHighEnd_InhSoilDerm	5.67E-09	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000392	1.32E-08	25YrCancerHighEnd_InhSoilDerm	1.32E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.0036	1.22E-07	25YrCancerHighEnd_InhSoilDerm	1.22E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000359	1.21E-08	25YrCancerHighEnd_InhSoilDerm	1.21E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000723	2.44E-08	25YrCancerHighEnd_InhSoilDerm	2.44E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00674	2.28E-07	25YrCancerHighEnd_InhSoilDerm	2.28E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000724	2.44E-08	25YrCancerHighEnd_InhSoilDerm	2.44E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000207	6.99E-09	25YrCancerHighEnd_InhSoilDerm	6.99E-09	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000941	3.18E-08	25YrCancerHighEnd_InhSoilDerm	3.18E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00143	4.83E-08	25YrCancerHighEnd_InhSoilDerm	4.83E-08	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00323	1.09E-07	25YrCancerHighEnd_InhSoilDerm	1.09E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00246	8.30E-08	25YrCancerHighEnd_InhSoilDerm	8.30E-08	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00126	4.25E-08	25YrCancerHighEnd_InhSoilDerm	4.25E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00129	4.35E-08	25YrCancerHighEnd_InhSoilDerm	4.35E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000243	8.20E-09	25YrCancerHighEnd_InhSoilDerm	8.20E-09	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000909	3.07E-08	25YrCancerHighEnd_InhSoilDerm	3.07E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000361	1.22E-08	25YrCancerHighEnd_InhSoilDerm	1.22E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00585	1.97E-07	25YrCancerHighEnd_InhSoilDerm	1.97E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00136	4.59E-08	25YrCancerHighEnd_InhSoilDerm	4.59E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00333	1.12E-07	25YrCancerHighEnd_InhSoilDerm	1.12E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.00051	-1.72E-08	25YrCancerHighEnd_InhSoilDerm	-1.72E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000883	2.98E-08	25YrCancerHighEnd_InhSoilDerm	2.98E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.0033	1.11E-07	25YrCancerHighEnd_InhSoilDerm	1.11E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00401	1.35E-07	25YrCancerHighEnd_InhSoilDerm	1.35E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00317	1.07E-07	25YrCancerHighEnd_InhSoilDerm	1.07E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00175	5.91E-08	25YrCancerHighEnd_InhSoilDerm	5.91E-08	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00103	3.48E-08	25YrCancerHighEnd_InhSoilDerm	3.48E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00146	4.93E-08	25YrCancerHighEnd_InhSoilDerm	4.93E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00122	4.12E-08	25YrCancerHighEnd_InhSoilDerm	4.12E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00203	6.85E-08	25YrCancerHighEnd_InhSoilDerm	6.85E-08	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.00039	1.32E-08	25YrCancerHighEnd_InhSoilDerm	1.32E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00207	6.99E-08	25YrCancerHighEnd_InhSoilDerm	6.99E-08	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00118	3.98E-08	25YrCancerHighEnd_InhSoilDerm	3.98E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000913	3.08E-08	25YrCancerHighEnd_InhSoilDerm	3.08E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000413	1.39E-08	25YrCancerHighEnd_InhSoilDerm	1.39E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000353	1.19E-08	25YrCancerHighEnd_InhSoilDerm	1.19E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000847	2.86E-08	25YrCancerHighEnd_InhSoilDerm	2.86E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000704	2.38E-08	25YrCancerHighEnd_InhSoilDerm	2.38E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.0021	1.18E-09	25YrCancerHighEnd_InhSoilDerm	1.18E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00227	1.28E-09	25YrCancerHighEnd_InhSoilDerm	1.28E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0037	2.08E-09	25YrCancerHighEnd_InhSoilDerm	2.08E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00418	2.35E-09	25YrCancerHighEnd_InhSoilDerm	2.35E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00347	1.95E-09	25YrCancerHighEnd_InhSoilDerm	1.95E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0108	6.08E-09	25YrCancerHighEnd_InhSoilDerm	6.08E-09	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0131	7.37E-09	25YrCancerHighEnd_InhSoilDerm	7.37E-09	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00823	4.63E-09	25YrCancerHighEnd_InhSoilDerm	4.63E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0128	7.20E-09	25YrCancerHighEnd_InhSoilDerm	7.20E-09	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00831	4.68E-09	25YrCancerHighEnd_InhSoilDerm	4.68E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00484	2.72E-09	25YrCancerHighEnd_InhSoilDerm	2.72E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00356	2.00E-09	25YrCancerHighEnd_InhSoilDerm	2.00E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00142	7.99E-10	25YrCancerHighEnd_InhSoilDerm	7.99E-10	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00187	-1.05E-09	25YrCancerHighEnd_InhSoilDerm	-1.05E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000201	1.13E-10	25YrCancerHighEnd_InhSoilDerm	1.13E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00141	7.93E-10	25YrCancerHighEnd_InhSoilDerm	7.93E-10	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00176	9.90E-10	25YrCancerHighEnd_InhSoilDerm	9.90E-10	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00244	1.37E-09	25YrCancerHighEnd_InhSoilDerm	1.37E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.0058	3.26E-09	25YrCancerHighEnd_InhSoilDerm	3.26E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0109	6.13E-09	25YrCancerHighEnd_InhSoilDerm	6.13E-09	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0189	1.06E-08	25YrCancerHighEnd_InhSoilDerm	1.06E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0424	2.39E-08	25YrCancerHighEnd_InhSoilDerm	2.39E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0101	5.68E-09	25YrCancerHighEnd_InhSoilDerm	5.68E-09	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0121	6.81E-09	25YrCancerHighEnd_InhSoilDerm	6.81E-09	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0119	6.70E-09	25YrCancerHighEnd_InhSoilDerm	6.70E-09	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0117	6.58E-09	25YrCancerHighEnd_InhSoilDerm	6.58E-09	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0151	8.50E-09	25YrCancerHighEnd_InhSoilDerm	8.50E-09	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	2.82E-03	1.59E-09	25YrCancerHighEnd_InhSoilDerm	1.59E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	3.61E-04	2.03E-10	25YrCancerHighEnd_InhSoilDerm	2.03E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.31E-03	-2.42E-09	25YrCancerHighEnd_InhSoilDerm	-2.42E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.79E-03	-1.01E-09	25YrCancerHighEnd_InhSoilDerm	-1.01E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.33E-03	1.31E-09	25YrCancerHighEnd_InhSoilDerm	1.31E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.51E-03	1.97E-09	25YrCancerHighEnd_InhSoilDerm	1.97E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	8.46E-03	4.76E-09	25YrCancerHighEnd_InhSoilDerm	4.76E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.03E-02	5.80E-09	25YrCancerHighEnd_InhSoilDerm	5.80E-09	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00157	-8.83E-10	25YrCancerHighEnd_InhSoilDerm	-8.83E-10	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.48E-03	8.33E-10	25YrCancerHighEnd_InhSoilDerm	8.33E-10	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.27E-02	1.84E-08	25YrCancerHighEnd_InhSoilDerm	1.84E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	7.21E-03	4.06E-09	25YrCancerHighEnd_InhSoilDerm	4.06E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00371	-2.09E-09	25YrCancerHighEnd_InhSoilDerm	-2.09E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.30E-04	1.29E-10	25YrCancerHighEnd_InhSoilDerm	1.29E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000142	7.99E-11	25YrCancerHighEnd_InhSoilDerm	7.99E-11	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000209	1.18E-10	25YrCancerHighEnd_InhSoilDerm	1.18E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000474	2.67E-10	25YrCancerHighEnd_InhSoilDerm	2.67E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.00051	2.87E-10	25YrCancerHighEnd_InhSoilDerm	2.87E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.00071	3.99E-10	25YrCancerHighEnd_InhSoilDerm	3.99E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.0011	6.19E-10	25YrCancerHighEnd_InhSoilDerm	6.19E-10	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00136	7.65E-10	25YrCancerHighEnd_InhSoilDerm	7.65E-10	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00173	9.73E-10	25YrCancerHighEnd_InhSoilDerm	9.73E-10	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000321	1.81E-10	25YrCancerHighEnd_InhSoilDerm	1.81E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.00038	2.14E-10	25YrCancerHighEnd_InhSoilDerm	2.14E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	9.12E-04	5.13E-10	25YrCancerHighEnd_InhSoilDerm	5.13E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00831	4.68E-09	25YrCancerHighEnd_InhSoilDerm	4.68E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	8.29E-04	4.66E-10	25YrCancerHighEnd_InhSoilDerm	4.66E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00165	9.28E-10	25YrCancerHighEnd_InhSoilDerm	9.28E-10	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0153	8.61E-09	25YrCancerHighEnd_InhSoilDerm	8.61E-09	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000799	4.50E-10	25YrCancerHighEnd_InhSoilDerm	4.50E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00107	-6.02E-10	25YrCancerHighEnd_InhSoilDerm	-6.02E-10	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000828	-4.66E-10	25YrCancerHighEnd_InhSoilDerm	-4.66E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000655	-3.69E-10	25YrCancerHighEnd_InhSoilDerm	-3.69E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00624	3.51E-09	25YrCancerHighEnd_InhSoilDerm	3.51E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00499	2.81E-09	25YrCancerHighEnd_InhSoilDerm	2.81E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.003	1.69E-09	25YrCancerHighEnd_InhSoilDerm	1.69E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00306	1.72E-09	25YrCancerHighEnd_InhSoilDerm	1.72E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00055	3.09E-10	25YrCancerHighEnd_InhSoilDerm	3.09E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00202	1.14E-09	25YrCancerHighEnd_InhSoilDerm	1.14E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000804	4.52E-10	25YrCancerHighEnd_InhSoilDerm	4.52E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0136	7.65E-09	25YrCancerHighEnd_InhSoilDerm	7.65E-09	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.00046	2.59E-10	25YrCancerHighEnd_InhSoilDerm	2.59E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00502	2.82E-09	25YrCancerHighEnd_InhSoilDerm	2.82E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00409	-2.30E-09	25YrCancerHighEnd_InhSoilDerm	-2.30E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00148	8.33E-10	25YrCancerHighEnd_InhSoilDerm	8.33E-10	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00686	3.86E-09	25YrCancerHighEnd_InhSoilDerm	3.86E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00893	5.02E-09	25YrCancerHighEnd_InhSoilDerm	5.02E-09	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00706	3.97E-09	25YrCancerHighEnd_InhSoilDerm	3.97E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.004	2.25E-09	25YrCancerHighEnd_InhSoilDerm	2.25E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00239	1.34E-09	25YrCancerHighEnd_InhSoilDerm	1.34E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00341	1.92E-09	25YrCancerHighEnd_InhSoilDerm	1.92E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00288	1.62E-09	25YrCancerHighEnd_InhSoilDerm	1.62E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00475	2.67E-09	25YrCancerHighEnd_InhSoilDerm	2.67E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00089	5.01E-10	25YrCancerHighEnd_InhSoilDerm	5.01E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00487	2.74E-09	25YrCancerHighEnd_InhSoilDerm	2.74E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00264	1.49E-09	25YrCancerHighEnd_InhSoilDerm	1.49E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00166	9.34E-10	25YrCancerHighEnd_InhSoilDerm	9.34E-10	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000874	4.92E-10	25YrCancerHighEnd_InhSoilDerm	4.92E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.00081	4.56E-10	25YrCancerHighEnd_InhSoilDerm	4.56E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.0016	9.00E-10	25YrCancerHighEnd_InhSoilDerm	9.00E-10	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0016	9.00E-10	25YrCancerHighEnd_InhSoilDerm	9.00E-10	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00929	-5.23E-08	25YrCancerHighEnd_InhSoilDerm	-5.23E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.0056	-3.15E-08	25YrCancerHighEnd_InhSoilDerm	-3.15E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000695	3.91E-09	25YrCancerHighEnd_InhSoilDerm	3.91E-09	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00115	6.47E-09	25YrCancerHighEnd_InhSoilDerm	6.47E-09	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000491	-2.76E-09	25YrCancerHighEnd_InhSoilDerm	-2.76E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000878	4.94E-10	25YrCancerHighEnd_InhSoilDerm	4.94E-10	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00248	-1.40E-08	25YrCancerHighEnd_InhSoilDerm	-1.40E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00828	-4.66E-08	25YrCancerHighEnd_InhSoilDerm	-4.66E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.000746	-4.20E-09	25YrCancerHighEnd_InhSoilDerm	-4.20E-09	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00236	-1.33E-08	25YrCancerHighEnd_InhSoilDerm	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00449	-2.53E-08	25YrCancerHighEnd_InhSoilDerm	-2.53E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00622	-3.50E-08	25YrCancerHighEnd_InhSoilDerm	-3.50E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0146	-8.21E-08	25YrCancerHighEnd_InhSoilDerm	-8.21E-08	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0264	-1.49E-07	25YrCancerHighEnd_InhSoilDerm	-1.49E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0176	-9.90E-08	25YrCancerHighEnd_InhSoilDerm	-9.90E-08	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0129	-7.26E-08	25YrCancerHighEnd_InhSoilDerm	-7.26E-08	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0123	-6.92E-08	25YrCancerHighEnd_InhSoilDerm	-6.92E-08	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0109	-6.13E-08	25YrCancerHighEnd_InhSoilDerm	-6.13E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0171	-9.62E-08	25YrCancerHighEnd_InhSoilDerm	-9.62E-08	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0123	-6.92E-08	25YrCancerHighEnd_InhSoilDerm	-6.92E-08	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0176	-9.90E-08	25YrCancerHighEnd_InhSoilDerm	-9.90E-08	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00746	-4.20E-08	25YrCancerHighEnd_InhSoilDerm	-4.20E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0641	-3.61E-07	25YrCancerHighEnd_InhSoilDerm	-3.61E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0531	-2.99E-07	25YrCancerHighEnd_InhSoilDerm	-2.99E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0597	-3.36E-07	25YrCancerHighEnd_InhSoilDerm	-3.36E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0627	-3.53E-07	25YrCancerHighEnd_InhSoilDerm	-3.53E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.046	-2.59E-07	25YrCancerHighEnd_InhSoilDerm	-2.59E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0567	-3.19E-07	25YrCancerHighEnd_InhSoilDerm	-3.19E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.063	-3.54E-07	25YrCancerHighEnd_InhSoilDerm	-3.54E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0744	-4.19E-07	25YrCancerHighEnd_InhSoilDerm	-4.19E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0392	-2.21E-07	25YrCancerHighEnd_InhSoilDerm	-2.21E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0225	-1.27E-07	25YrCancerHighEnd_InhSoilDerm	-1.27E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.000256	-1.44E-09	25YrCancerHighEnd_InhSoilDerm	-1.44E-09	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-7.43E-03	-4.18E-08	25YrCancerHighEnd_InhSoilDerm	-4.18E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-5.78E-03	-3.25E-08	25YrCancerHighEnd_InhSoilDerm	-3.25E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.08E-02	-1.73E-07	25YrCancerHighEnd_InhSoilDerm	-1.73E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.22E-02	-1.25E-07	25YrCancerHighEnd_InhSoilDerm	-1.25E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.30E-02	-7.31E-08	25YrCancerHighEnd_InhSoilDerm	-7.31E-08	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.87E-02	-2.74E-07	25YrCancerHighEnd_InhSoilDerm	-2.74E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.07E-02	-3.42E-07	25YrCancerHighEnd_InhSoilDerm	-3.42E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.62E-04	-2.04E-09	25YrCancerHighEnd_InhSoilDerm	-2.04E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.61E-04	-1.47E-09	25YrCancerHighEnd_InhSoilDerm	-1.47E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.93E-04	-2.21E-09	25YrCancerHighEnd_InhSoilDerm	-2.21E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.58E-04	-3.14E-09	25YrCancerHighEnd_InhSoilDerm	-3.14E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-7.58E-04	-4.26E-09	25YrCancerHighEnd_InhSoilDerm	-4.26E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.41E-03	-7.93E-09	25YrCancerHighEnd_InhSoilDerm	-7.93E-09	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.16E-03	-6.53E-09	25YrCancerHighEnd_InhSoilDerm	-6.53E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-8.40E-04	-4.73E-09	25YrCancerHighEnd_InhSoilDerm	-4.73E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-6.73E-04	-3.79E-09	25YrCancerHighEnd_InhSoilDerm	-3.79E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.75E-04	-2.11E-09	25YrCancerHighEnd_InhSoilDerm	-2.11E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.13E-04	-2.32E-09	25YrCancerHighEnd_InhSoilDerm	-2.32E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-6.48E-04	-3.65E-09	25YrCancerHighEnd_InhSoilDerm	-3.65E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-6.91E-03	-3.89E-08	25YrCancerHighEnd_InhSoilDerm	-3.89E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.65E-04	-3.74E-09	25YrCancerHighEnd_InhSoilDerm	-3.74E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.63E-03	-9.17E-09	25YrCancerHighEnd_InhSoilDerm	-9.17E-09	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.61E-02	-9.06E-08	25YrCancerHighEnd_InhSoilDerm	-9.06E-08	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.25E-02	-7.03E-08	25YrCancerHighEnd_InhSoilDerm	-7.03E-08	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.02E-02	-1.14E-07	25YrCancerHighEnd_InhSoilDerm	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.01E-02	-2.26E-07	25YrCancerHighEnd_InhSoilDerm	-2.26E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.31E-02	-2.99E-07	25YrCancerHighEnd_InhSoilDerm	-2.99E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.15E-02	-1.21E-07	25YrCancerHighEnd_InhSoilDerm	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.34E-02	-7.54E-08	25YrCancerHighEnd_InhSoilDerm	-7.54E-08	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.23E-03	-6.92E-09	25YrCancerHighEnd_InhSoilDerm	-6.92E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.43E-03	-8.05E-09	25YrCancerHighEnd_InhSoilDerm	-8.05E-09	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.87E-04	-3.30E-09	25YrCancerHighEnd_InhSoilDerm	-3.30E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.67E-03	-1.50E-08	25YrCancerHighEnd_InhSoilDerm	-1.50E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.06E-03	-5.96E-09	25YrCancerHighEnd_InhSoilDerm	-5.96E-09	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.94E-03	-5.59E-08	25YrCancerHighEnd_InhSoilDerm	-5.59E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.68E-02	-2.07E-07	25YrCancerHighEnd_InhSoilDerm	-2.07E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.02E-02	-2.26E-07	25YrCancerHighEnd_InhSoilDerm	-2.26E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.63E-02	-2.04E-07	25YrCancerHighEnd_InhSoilDerm	-2.04E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.77E-03	-4.93E-08	25YrCancerHighEnd_InhSoilDerm	-4.93E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.58E-02	-8.89E-08	25YrCancerHighEnd_InhSoilDerm	-8.89E-08	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.16E-02	-6.53E-08	25YrCancerHighEnd_InhSoilDerm	-6.53E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.07E-03	-5.10E-08	25YrCancerHighEnd_InhSoilDerm	-5.10E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.65E-03	-2.05E-08	25YrCancerHighEnd_InhSoilDerm	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.67E-03	-9.40E-09	25YrCancerHighEnd_InhSoilDerm	-9.40E-09	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.26E-03	-1.27E-08	25YrCancerHighEnd_InhSoilDerm	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.55E-03	-8.72E-09	25YrCancerHighEnd_InhSoilDerm	-8.72E-09	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.81E-03	-1.58E-08	25YrCancerHighEnd_InhSoilDerm	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.52E-04	-4.79E-09	25YrCancerHighEnd_InhSoilDerm	-4.79E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.57E-03	-1.45E-08	25YrCancerHighEnd_InhSoilDerm	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.32E-03	-1.87E-08	25YrCancerHighEnd_InhSoilDerm	-1.87E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-7.42E-03	-4.17E-08	25YrCancerHighEnd_InhSoilDerm	-4.17E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.80E-03	-1.01E-08	25YrCancerHighEnd_InhSoilDerm	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.30E-04	-4.11E-09	25YrCancerHighEnd_InhSoilDerm	-4.11E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.19E-03	-3.48E-08	25YrCancerHighEnd_InhSoilDerm	-3.48E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.60E-03	-9.00E-09	25YrCancerHighEnd_InhSoilDerm	-9.00E-09	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.00E-03	-1.47E-09	25YrCancerHighEnd_InhSoilDerm	-1.47E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.89E-03	-9.25E-10	25YrCancerHighEnd_InhSoilDerm	-9.25E-10	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-7.70E-05	-3.77E-11	25YrCancerHighEnd_InhSoilDerm	-3.77E-11	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	2.31E-05	1.13E-11	25YrCancerHighEnd_InhSoilDerm	1.13E-11	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-4.23E-04	-2.07E-10	25YrCancerHighEnd_InhSoilDerm	-2.07E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-8.28E-04	-4.05E-10	25YrCancerHighEnd_InhSoilDerm	-4.05E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.80E-03	-8.81E-10	25YrCancerHighEnd_InhSoilDerm	-8.81E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.17E-03	-1.55E-09	25YrCancerHighEnd_InhSoilDerm	-1.55E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.21E-03	-5.92E-10	25YrCancerHighEnd_InhSoilDerm	-5.92E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.36E-03	-6.66E-10	25YrCancerHighEnd_InhSoilDerm	-6.66E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.74E-03	-8.52E-10	25YrCancerHighEnd_InhSoilDerm	-8.52E-10	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.17E-03	-1.06E-09	25YrCancerHighEnd_InhSoilDerm	-1.06E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00456	-2.23E-09	25YrCancerHighEnd_InhSoilDerm	-2.23E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00794	-3.89E-09	25YrCancerHighEnd_InhSoilDerm	-3.89E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.0054	-2.64E-09	25YrCancerHighEnd_InhSoilDerm	-2.64E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00404	-1.98E-09	25YrCancerHighEnd_InhSoilDerm	-1.98E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00389	-1.90E-09	25YrCancerHighEnd_InhSoilDerm	-1.90E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00354	-1.73E-09	25YrCancerHighEnd_InhSoilDerm	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.0057	-2.79E-09	25YrCancerHighEnd_InhSoilDerm	-2.79E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00462	-2.26E-09	25YrCancerHighEnd_InhSoilDerm	-2.26E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.0069	-3.38E-09	25YrCancerHighEnd_InhSoilDerm	-3.38E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00565	-2.77E-09	25YrCancerHighEnd_InhSoilDerm	-2.77E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0204	-9.99E-09	25YrCancerHighEnd_InhSoilDerm	-9.99E-09	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0172	-8.42E-09	25YrCancerHighEnd_InhSoilDerm	-8.42E-09	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0191	-9.35E-09	25YrCancerHighEnd_InhSoilDerm	-9.35E-09	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.02	-9.79E-09	25YrCancerHighEnd_InhSoilDerm	-9.79E-09	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0151	-7.39E-09	25YrCancerHighEnd_InhSoilDerm	-7.39E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0176	-8.61E-09	25YrCancerHighEnd_InhSoilDerm	-8.61E-09	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0193	-9.45E-09	25YrCancerHighEnd_InhSoilDerm	-9.45E-09	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0224	-1.10E-08	25YrCancerHighEnd_InhSoilDerm	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0119	-5.82E-09	25YrCancerHighEnd_InhSoilDerm	-5.82E-09	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00706	-3.46E-09	25YrCancerHighEnd_InhSoilDerm	-3.46E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000361	-1.77E-10	25YrCancerHighEnd_InhSoilDerm	-1.77E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00295	-1.44E-09	25YrCancerHighEnd_InhSoilDerm	-1.44E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00259	-1.27E-09	25YrCancerHighEnd_InhSoilDerm	-1.27E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00929	-4.55E-09	25YrCancerHighEnd_InhSoilDerm	-4.55E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00692	-3.39E-09	25YrCancerHighEnd_InhSoilDerm	-3.39E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00659	-3.23E-09	25YrCancerHighEnd_InhSoilDerm	-3.23E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0155	-7.59E-09	25YrCancerHighEnd_InhSoilDerm	-7.59E-09	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0183	-8.96E-09	25YrCancerHighEnd_InhSoilDerm	-8.96E-09	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000129	-6.31E-11	25YrCancerHighEnd_InhSoilDerm	-6.31E-11	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000911	-4.46E-11	25YrCancerHighEnd_InhSoilDerm	-4.46E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000137	-6.71E-11	25YrCancerHighEnd_InhSoilDerm	-6.71E-11	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000209	-1.02E-10	25YrCancerHighEnd_InhSoilDerm	-1.02E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000273	-1.34E-10	25YrCancerHighEnd_InhSoilDerm	-1.34E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000489	-2.39E-10	25YrCancerHighEnd_InhSoilDerm	-2.39E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000442	-2.16E-10	25YrCancerHighEnd_InhSoilDerm	-2.16E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000365	-1.79E-10	25YrCancerHighEnd_InhSoilDerm	-1.79E-10	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000344	-1.68E-10	25YrCancerHighEnd_InhSoilDerm	-1.68E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.00014	-6.85E-11	25YrCancerHighEnd_InhSoilDerm	-6.85E-11	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000157	-7.68E-11	25YrCancerHighEnd_InhSoilDerm	-7.68E-11	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000271	-1.33E-10	25YrCancerHighEnd_InhSoilDerm	-1.33E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.78E-03	-1.36E-09	25YrCancerHighEnd_InhSoilDerm	-1.36E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.70E-04	-1.32E-10	25YrCancerHighEnd_InhSoilDerm	-1.32E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.31E-04	-3.09E-10	25YrCancerHighEnd_InhSoilDerm	-3.09E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.14E-03	-3.01E-09	25YrCancerHighEnd_InhSoilDerm	-3.01E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00389	-1.90E-09	25YrCancerHighEnd_InhSoilDerm	-1.90E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.0061	-2.99E-09	25YrCancerHighEnd_InhSoilDerm	-2.99E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0122	-5.97E-09	25YrCancerHighEnd_InhSoilDerm	-5.97E-09	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0162	-7.93E-09	25YrCancerHighEnd_InhSoilDerm	-7.93E-09	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00708	-3.47E-09	25YrCancerHighEnd_InhSoilDerm	-3.47E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.51E-03	-2.21E-09	25YrCancerHighEnd_InhSoilDerm	-2.21E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-6.15E-04	-3.01E-10	25YrCancerHighEnd_InhSoilDerm	-3.01E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000682	-3.34E-10	25YrCancerHighEnd_InhSoilDerm	-3.34E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000223	-1.09E-10	25YrCancerHighEnd_InhSoilDerm	-1.09E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000979	-4.79E-10	25YrCancerHighEnd_InhSoilDerm	-4.79E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000389	-1.90E-10	25YrCancerHighEnd_InhSoilDerm	-1.90E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00413	-2.02E-09	25YrCancerHighEnd_InhSoilDerm	-2.02E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0113	-5.53E-09	25YrCancerHighEnd_InhSoilDerm	-5.53E-09	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0127	-6.22E-09	25YrCancerHighEnd_InhSoilDerm	-6.22E-09	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0108	-5.29E-09	25YrCancerHighEnd_InhSoilDerm	-5.29E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.0028	-1.37E-09	25YrCancerHighEnd_InhSoilDerm	-1.37E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.0054	-2.64E-09	25YrCancerHighEnd_InhSoilDerm	-2.64E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00428	-2.10E-09	25YrCancerHighEnd_InhSoilDerm	-2.10E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00334	-1.63E-09	25YrCancerHighEnd_InhSoilDerm	-1.63E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00144	-7.05E-10	25YrCancerHighEnd_InhSoilDerm	-7.05E-10	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000702	-3.44E-10	25YrCancerHighEnd_InhSoilDerm	-3.44E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000963	-4.71E-10	25YrCancerHighEnd_InhSoilDerm	-4.71E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000705	-3.45E-10	25YrCancerHighEnd_InhSoilDerm	-3.45E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.24E-03	-6.07E-10	25YrCancerHighEnd_InhSoilDerm	-6.07E-10	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.32E-04	-1.63E-10	25YrCancerHighEnd_InhSoilDerm	-1.63E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00118	-5.78E-10	25YrCancerHighEnd_InhSoilDerm	-5.78E-10	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00122	-5.97E-10	25YrCancerHighEnd_InhSoilDerm	-5.97E-10	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.0024	-1.17E-09	25YrCancerHighEnd_InhSoilDerm	-1.17E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.20E-04	-3.03E-10	25YrCancerHighEnd_InhSoilDerm	-3.03E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.88E-04	-1.41E-10	25YrCancerHighEnd_InhSoilDerm	-1.41E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.02E-03	-9.89E-10	25YrCancerHighEnd_InhSoilDerm	-9.89E-10	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000617	-3.02E-10	25YrCancerHighEnd_InhSoilDerm	-3.02E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00713	8.42E-09	25YrCancerHighEnd_InhSoilDerm	8.42E-09	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00717	8.47E-09	25YrCancerHighEnd_InhSoilDerm	8.47E-09	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0106	1.25E-08	25YrCancerHighEnd_InhSoilDerm	1.25E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.012	1.42E-08	25YrCancerHighEnd_InhSoilDerm	1.42E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0101	1.19E-08	25YrCancerHighEnd_InhSoilDerm	1.19E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0315	3.72E-08	25YrCancerHighEnd_InhSoilDerm	3.72E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0386	4.56E-08	25YrCancerHighEnd_InhSoilDerm	4.56E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0248	2.93E-08	25YrCancerHighEnd_InhSoilDerm	2.93E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0366	4.32E-08	25YrCancerHighEnd_InhSoilDerm	4.32E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.024	2.84E-08	25YrCancerHighEnd_InhSoilDerm	2.84E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0143	1.69E-08	25YrCancerHighEnd_InhSoilDerm	1.69E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0109	1.29E-08	25YrCancerHighEnd_InhSoilDerm	1.29E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00572	6.76E-09	25YrCancerHighEnd_InhSoilDerm	6.76E-09	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00238	-2.81E-09	25YrCancerHighEnd_InhSoilDerm	-2.81E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00259	3.06E-09	25YrCancerHighEnd_InhSoilDerm	3.06E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00556	6.57E-09	25YrCancerHighEnd_InhSoilDerm	6.57E-09	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00651	7.69E-09	25YrCancerHighEnd_InhSoilDerm	7.69E-09	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00836	9.88E-09	25YrCancerHighEnd_InhSoilDerm	9.88E-09	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.90E-02	2.24E-08	25YrCancerHighEnd_InhSoilDerm	2.24E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0333	3.93E-08	25YrCancerHighEnd_InhSoilDerm	3.93E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0574	6.78E-08	25YrCancerHighEnd_InhSoilDerm	6.78E-08	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.125	1.48E-07	25YrCancerHighEnd_InhSoilDerm	1.48E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.68E-02	4.35E-08	25YrCancerHighEnd_InhSoilDerm	4.35E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0405	4.79E-08	25YrCancerHighEnd_InhSoilDerm	4.79E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.03E-02	4.76E-08	25YrCancerHighEnd_InhSoilDerm	4.76E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.93E-02	4.64E-08	25YrCancerHighEnd_InhSoilDerm	4.64E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0452	5.34E-08	25YrCancerHighEnd_InhSoilDerm	5.34E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0154	1.82E-08	25YrCancerHighEnd_InhSoilDerm	1.82E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00899	1.06E-08	25YrCancerHighEnd_InhSoilDerm	1.06E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00328	-3.88E-09	25YrCancerHighEnd_InhSoilDerm	-3.88E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000322	-3.80E-10	25YrCancerHighEnd_InhSoilDerm	-3.80E-10	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00967	1.14E-08	25YrCancerHighEnd_InhSoilDerm	1.14E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0103	1.22E-08	25YrCancerHighEnd_InhSoilDerm	1.22E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0257	3.04E-08	25YrCancerHighEnd_InhSoilDerm	3.04E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0308	3.64E-08	25YrCancerHighEnd_InhSoilDerm	3.64E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000737	-8.71E-10	25YrCancerHighEnd_InhSoilDerm	-8.71E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00715	8.45E-09	25YrCancerHighEnd_InhSoilDerm	8.45E-09	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0974	1.15E-07	25YrCancerHighEnd_InhSoilDerm	1.15E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0273	3.23E-08	25YrCancerHighEnd_InhSoilDerm	3.23E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00322	-3.80E-09	25YrCancerHighEnd_InhSoilDerm	-3.80E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.00072	8.51E-10	25YrCancerHighEnd_InhSoilDerm	8.51E-10	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000448	5.29E-10	25YrCancerHighEnd_InhSoilDerm	5.29E-10	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000661	7.81E-10	25YrCancerHighEnd_InhSoilDerm	7.81E-10	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.46E-03	1.73E-09	25YrCancerHighEnd_InhSoilDerm	1.73E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00159	1.88E-09	25YrCancerHighEnd_InhSoilDerm	1.88E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00226	2.67E-09	25YrCancerHighEnd_InhSoilDerm	2.67E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00336	3.97E-09	25YrCancerHighEnd_InhSoilDerm	3.97E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00408	4.82E-09	25YrCancerHighEnd_InhSoilDerm	4.82E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00516	6.10E-09	25YrCancerHighEnd_InhSoilDerm	6.10E-09	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	9.87E-04	1.17E-09	25YrCancerHighEnd_InhSoilDerm	1.17E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00116	1.37E-09	25YrCancerHighEnd_InhSoilDerm	1.37E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00276	3.26E-09	25YrCancerHighEnd_InhSoilDerm	3.26E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0252	2.98E-08	25YrCancerHighEnd_InhSoilDerm	2.98E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00251	2.97E-09	25YrCancerHighEnd_InhSoilDerm	2.97E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00503	5.94E-09	25YrCancerHighEnd_InhSoilDerm	5.94E-09	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0468	5.53E-08	25YrCancerHighEnd_InhSoilDerm	5.53E-08	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00392	4.63E-09	25YrCancerHighEnd_InhSoilDerm	4.63E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000601	-7.10E-10	25YrCancerHighEnd_InhSoilDerm	-7.10E-10	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00262	3.0955E-09	25YrCancerHighEnd_InhSoilDerm	3.0955E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00477	5.6358E-09	25YrCancerHighEnd_InhSoilDerm	5.6358E-09	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.021	2.4812E-08	25YrCancerHighEnd_InhSoilDerm	2.4812E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0163	1.9259E-08	25YrCancerHighEnd_InhSoilDerm	1.9259E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00894	1.0563E-08	25YrCancerHighEnd_InhSoilDerm	1.0563E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00915	1.0811E-08	25YrCancerHighEnd_InhSoilDerm	1.0811E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00168	1.9849E-09	25YrCancerHighEnd_InhSoilDerm	1.9849E-09	0	0	0

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00626	7.3962E-09	25YrCancerHighEnd_InhSoilDerm	7.3962E-09	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00249	2.942E-09	25YrCancerHighEnd_InhSoilDerm	2.942E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0411	4.856E-08	25YrCancerHighEnd_InhSoilDerm	4.856E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00598	7.0654E-09	25YrCancerHighEnd_InhSoilDerm	7.0654E-09	0	0	0
950	1650	-890	50000	Formaldehyde	0.0198	2.3394E-08	25YrCancerHighEnd_InhSoilDerm	2.3394E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00742	-8.7668E-09	25YrCancerHighEnd_InhSoilDerm	-8.7668E-09	0	0	0
952	1142	615	50000	Formaldehyde	0.00544	6.4274E-09	25YrCancerHighEnd_InhSoilDerm	6.4274E-09	0	0	0
953	-333	-788	50000	Formaldehyde	0.0221	2.6111E-08	25YrCancerHighEnd_InhSoilDerm	2.6111E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0276	3.261E-08	25YrCancerHighEnd_InhSoilDerm	3.261E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0218	2.5757E-08	25YrCancerHighEnd_InhSoilDerm	2.5757E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0122	1.4414E-08	25YrCancerHighEnd_InhSoilDerm	1.4414E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00722	8.5305E-09	25YrCancerHighEnd_InhSoilDerm	8.5305E-09	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0103	1.217E-08	25YrCancerHighEnd_InhSoilDerm	1.217E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00864	1.0208E-08	25YrCancerHighEnd_InhSoilDerm	1.0208E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0143	1.6896E-08	25YrCancerHighEnd_InhSoilDerm	1.6896E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00272	3.2137E-09	25YrCancerHighEnd_InhSoilDerm	3.2137E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0146	1.725E-08	25YrCancerHighEnd_InhSoilDerm	1.725E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00814	9.6175E-09	25YrCancerHighEnd_InhSoilDerm	9.6175E-09	0	0	0
964	1577	291	50000	Formaldehyde	0.0058	6.8527E-09	25YrCancerHighEnd_InhSoilDerm	6.8527E-09	0	0	0
965	2400	240	50000	Formaldehyde	0.00279	3.2964E-09	25YrCancerHighEnd_InhSoilDerm	3.2964E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00247	2.9183E-09	25YrCancerHighEnd_InhSoilDerm	2.9183E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00545	6.4392E-09	25YrCancerHighEnd_InhSoilDerm	6.4392E-09	0	0	0
968	1375	1395	50000	Formaldehyde	0.0049	5.7894E-09	25YrCancerHighEnd_InhSoilDerm	5.7894E-09	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000757	1.4907E-11	25YrCancerHighEnd_InhSoilDerm	1.4907E-11	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.0000865	1.7033E-11	25YrCancerHighEnd_InhSoilDerm	1.7033E-11	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.0000484	9.5308E-12	25YrCancerHighEnd_InhSoilDerm	9.5308E-12	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.0000322	6.3408E-12	25YrCancerHighEnd_InhSoilDerm	6.3408E-12	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000222	4.3716E-12	25YrCancerHighEnd_InhSoilDerm	4.3716E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000253	4.982E-12	25YrCancerHighEnd_InhSoilDerm	4.982E-12	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.0000338	6.6558E-12	25YrCancerHighEnd_InhSoilDerm	6.6558E-12	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000935	1.8412E-11	25YrCancerHighEnd_InhSoilDerm	1.8412E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.000166	3.2688E-11	25YrCancerHighEnd_InhSoilDerm	3.2688E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.000119	2.3433E-11	25YrCancerHighEnd_InhSoilDerm	2.3433E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.0000743	1.4631E-11	25YrCancerHighEnd_InhSoilDerm	1.4631E-11	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.0000596	1.1736E-11	25YrCancerHighEnd_InhSoilDerm	1.1736E-11	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.0000504	9.9247E-12	25YrCancerHighEnd_InhSoilDerm	9.9247E-12	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.0000419	8.2509E-12	25YrCancerHighEnd_InhSoilDerm	8.2509E-12	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.0000388	7.6404E-12	25YrCancerHighEnd_InhSoilDerm	7.6404E-12	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.000035	6.8921E-12	25YrCancerHighEnd_InhSoilDerm	6.8921E-12	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.0000312	6.1438E-12	25YrCancerHighEnd_InhSoilDerm	6.1438E-12	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000285	5.6122E-12	25YrCancerHighEnd_InhSoilDerm	5.6122E-12	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.0000204	4.0171E-12	25YrCancerHighEnd_InhSoilDerm	4.0171E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.0000209	4.1156E-12	25YrCancerHighEnd_InhSoilDerm	4.1156E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.0000244	4.8048E-12	25YrCancerHighEnd_InhSoilDerm	4.8048E-12	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000455	8.9598E-12	25YrCancerHighEnd_InhSoilDerm	8.9598E-12	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.000148	2.9144E-11	25YrCancerHighEnd_InhSoilDerm	2.9144E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.00027	5.3168E-11	25YrCancerHighEnd_InhSoilDerm	5.3168E-11	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.000381	7.5026E-11	25YrCancerHighEnd_InhSoilDerm	7.5026E-11	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.000527	1.0378E-10	25YrCancerHighEnd_InhSoilDerm	1.0378E-10	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.000819	1.6128E-10	25YrCancerHighEnd_InhSoilDerm	1.6128E-10	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.000864	1.7014E-10	25YrCancerHighEnd_InhSoilDerm	1.7014E-10	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000894	1.7604E-10	25YrCancerHighEnd_InhSoilDerm	1.7604E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000797	1.5694E-10	25YrCancerHighEnd_InhSoilDerm	1.5694E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000774	1.5241E-11	25YrCancerHighEnd_InhSoilDerm	1.5241E-11	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000142	2.7962E-11	25YrCancerHighEnd_InhSoilDerm	2.7962E-11	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.000137	2.6978E-11	25YrCancerHighEnd_InhSoilDerm	2.6978E-11	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000548	1.0791E-11	25YrCancerHighEnd_InhSoilDerm	1.0791E-11	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.000146	2.875E-11	25YrCancerHighEnd_InhSoilDerm	2.875E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.0000242	4.7654E-12	25YrCancerHighEnd_InhSoilDerm	4.7654E-12	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.0000217	4.2731E-12	25YrCancerHighEnd_InhSoilDerm	4.2731E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000741	1.4592E-11	25YrCancerHighEnd_InhSoilDerm	1.4592E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.00093	1.8313E-10	25YrCancerHighEnd_InhSoilDerm	1.8313E-10	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.000246	4.8442E-11	25YrCancerHighEnd_InhSoilDerm	4.8442E-11	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.00000529	1.0417E-12	25YrCancerHighEnd_InhSoilDerm	1.0417E-12	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000391	7.6995E-13	25YrCancerHighEnd_InhSoilDerm	7.6995E-13	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000647	1.2741E-12	25YrCancerHighEnd_InhSoilDerm	1.2741E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000716	1.4099E-12	25YrCancerHighEnd_InhSoilDerm	1.4099E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.0000148	2.9144E-12	25YrCancerHighEnd_InhSoilDerm	2.9144E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0000202	3.9777E-12	25YrCancerHighEnd_InhSoilDerm	3.9777E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.000024	4.726E-12	25YrCancerHighEnd_InhSoilDerm	4.726E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000018	3.5445E-12	25YrCancerHighEnd_InhSoilDerm	3.5445E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000166	3.2688E-12	25YrCancerHighEnd_InhSoilDerm	3.2688E-12	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000878	1.7289E-12	25YrCancerHighEnd_InhSoilDerm	1.7289E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000889	1.7506E-12	25YrCancerHighEnd_InhSoilDerm	1.7506E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.00000667	1.3134E-12	25YrCancerHighEnd_InhSoilDerm	1.3134E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.0000521	1.0259E-11	25YrCancerHighEnd_InhSoilDerm	1.0259E-11	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000873	1.7191E-12	25YrCancerHighEnd_InhSoilDerm	1.7191E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.0000169	3.3279E-12	25YrCancerHighEnd_InhSoilDerm	3.3279E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.000213	4.1943E-11	25YrCancerHighEnd_InhSoilDerm	4.1943E-11	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000378	7.4435E-12	25YrCancerHighEnd_InhSoilDerm	7.4435E-12	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.0000484	9.5308E-12	25YrCancerHighEnd_InhSoilDerm	9.5308E-12	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000991	1.9515E-11	25YrCancerHighEnd_InhSoilDerm	1.9515E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.00056	1.1027E-10	25YrCancerHighEnd_InhSoilDerm	1.1027E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.0000533	1.0496E-11	25YrCancerHighEnd_InhSoilDerm	1.0496E-11	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.0000467	9.1961E-12	25YrCancerHighEnd_InhSoilDerm	9.1961E-12	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.0000125	2.4615E-12	25YrCancerHighEnd_InhSoilDerm	2.4615E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.00001	1.9692E-12	25YrCancerHighEnd_InhSoilDerm	1.9692E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.00000456	8.9795E-13	25YrCancerHighEnd_InhSoilDerm	8.9795E-13	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0000245	4.8245E-12	25YrCancerHighEnd_InhSoilDerm	4.8245E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.0000058	1.1421E-12	25YrCancerHighEnd_InhSoilDerm	1.1421E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.0000918	1.8077E-11	25YrCancerHighEnd_InhSoilDerm	1.8077E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.0000181	3.5642E-12	25YrCancerHighEnd_InhSoilDerm	3.5642E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000439	8.6447E-12	25YrCancerHighEnd_InhSoilDerm	8.6447E-12	0	0	0
1039	1430	215	75092	Methylene Chlor	0.0000156	3.0719E-12	25YrCancerHighEnd_InhSoilDerm	3.0719E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.0000211	4.155E-12	25YrCancerHighEnd_InhSoilDerm	4.155E-12	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.000341	6.7149E-11	25YrCancerHighEnd_InhSoilDerm	6.7149E-11	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.000326	6.4195E-11	25YrCancerHighEnd_InhSoilDerm	6.4195E-11	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.0000412	8.113E-12	25YrCancerHighEnd_InhSoilDerm	8.113E-12	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.0000299	5.8878E-12	25YrCancerHighEnd_InhSoilDerm	5.8878E-12	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.0000169	3.3279E-12	25YrCancerHighEnd_InhSoilDerm	3.3279E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.0000223	4.3913E-12	25YrCancerHighEnd_InhSoilDerm	4.3913E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.0000178	3.5051E-12	25YrCancerHighEnd_InhSoilDerm	3.5051E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.0000241	4.7457E-12	25YrCancerHighEnd_InhSoilDerm	4.7457E-12	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000549	1.0811E-12	25YrCancerHighEnd_InhSoilDerm	1.0811E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.0000155	3.0522E-12	25YrCancerHighEnd_InhSoilDerm	3.0522E-12	0	0	0

Proposed Project RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.0000104	2.0479E-12	25YrCancerHighEnd_InhSoilDerm	2.0479E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.0000132	2.5993E-12	25YrCancerHighEnd_InhSoilDerm	2.5993E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000731	1.4395E-12	25YrCancerHighEnd_InhSoilDerm	1.4395E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000611	1.2032E-12	25YrCancerHighEnd_InhSoilDerm	1.2032E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.0000252	4.9623E-12	25YrCancerHighEnd_InhSoilDerm	4.9623E-12	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.0000149	2.9341E-12	25YrCancerHighEnd_InhSoilDerm	2.9341E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000484	-3.2677E-09	25YrCancerHighEnd_InhSoilDerm	-3.2677E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000201	-1.357E-09	25YrCancerHighEnd_InhSoilDerm	-1.357E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000397	2.6803E-09	25YrCancerHighEnd_InhSoilDerm	2.6803E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000479	3.234E-09	25YrCancerHighEnd_InhSoilDerm	3.234E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000295	1.9917E-09	25YrCancerHighEnd_InhSoilDerm	1.9917E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00105	7.089E-09	25YrCancerHighEnd_InhSoilDerm	7.089E-09	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00109	7.3591E-09	25YrCancerHighEnd_InhSoilDerm	7.3591E-09	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000163	1.1005E-09	25YrCancerHighEnd_InhSoilDerm	1.1005E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00109	7.3591E-09	25YrCancerHighEnd_InhSoilDerm	7.3591E-09	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000566	3.8213E-09	25YrCancerHighEnd_InhSoilDerm	3.8213E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000102	6.8865E-10	25YrCancerHighEnd_InhSoilDerm	6.8865E-10	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000138	-9.317E-10	25YrCancerHighEnd_InhSoilDerm	-9.317E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000942	-6.3599E-09	25YrCancerHighEnd_InhSoilDerm	-6.3599E-09	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00212	-1.4313E-08	25YrCancerHighEnd_InhSoilDerm	-1.4313E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00128	-8.6419E-09	25YrCancerHighEnd_InhSoilDerm	-8.6419E-09	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000811	-5.4754E-09	25YrCancerHighEnd_InhSoilDerm	-5.4754E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000731	-4.9353E-09	25YrCancerHighEnd_InhSoilDerm	-4.9353E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000566	-3.8213E-09	25YrCancerHighEnd_InhSoilDerm	-3.8213E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000676	-4.564E-09	25YrCancerHighEnd_InhSoilDerm	-4.564E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000171	1.1545E-09	25YrCancerHighEnd_InhSoilDerm	1.1545E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000568	3.8348E-09	25YrCancerHighEnd_InhSoilDerm	3.8348E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.0036	2.4305E-08	25YrCancerHighEnd_InhSoilDerm	2.4305E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00372	-2.5115E-08	25YrCancerHighEnd_InhSoilDerm	-2.5115E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00282	-1.9039E-08	25YrCancerHighEnd_InhSoilDerm	-1.9039E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00338	-2.282E-08	25YrCancerHighEnd_InhSoilDerm	-2.282E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00371	-2.5048E-08	25YrCancerHighEnd_InhSoilDerm	-2.5048E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.0024	-1.6204E-08	25YrCancerHighEnd_InhSoilDerm	-1.6204E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00381	-2.5723E-08	25YrCancerHighEnd_InhSoilDerm	-2.5723E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.0045	-3.0382E-08	25YrCancerHighEnd_InhSoilDerm	-3.0382E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00578	-3.9023E-08	25YrCancerHighEnd_InhSoilDerm	-3.9023E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.003	-2.0254E-08	25YrCancerHighEnd_InhSoilDerm	-2.0254E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00139	-9.3845E-09	25YrCancerHighEnd_InhSoilDerm	-9.3845E-09	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000326	2.201E-09	25YrCancerHighEnd_InhSoilDerm	2.201E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000297	2.0052E-09	25YrCancerHighEnd_InhSoilDerm	2.0052E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000592	3.9969E-09	25YrCancerHighEnd_InhSoilDerm	3.9969E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00237	-1.6001E-08	25YrCancerHighEnd_InhSoilDerm	-1.6001E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00145	-9.7896E-09	25YrCancerHighEnd_InhSoilDerm	-9.7896E-09	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00228	1.5393E-08	25YrCancerHighEnd_InhSoilDerm	1.5393E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.0028	-1.8904E-08	25YrCancerHighEnd_InhSoilDerm	-1.8904E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00473	-3.1934E-08	25YrCancerHighEnd_InhSoilDerm	-3.1934E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000346	-2.336E-11	25YrCancerHighEnd_InhSoilDerm	-2.336E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000486	-3.2812E-11	25YrCancerHighEnd_InhSoilDerm	-3.2812E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000779	-5.2594E-11	25YrCancerHighEnd_InhSoilDerm	-5.2594E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000637	4.3007E-11	25YrCancerHighEnd_InhSoilDerm	4.3007E-11	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000442	-2.9841E-11	25YrCancerHighEnd_InhSoilDerm	-2.9841E-11	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.000032	-2.1605E-10	25YrCancerHighEnd_InhSoilDerm	-2.1605E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000243	1.6406E-10	25YrCancerHighEnd_InhSoilDerm	1.6406E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000729	4.9218E-10	25YrCancerHighEnd_InhSoilDerm	4.9218E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000122	8.2368E-10	25YrCancerHighEnd_InhSoilDerm	8.2368E-10	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000045	3.0382E-11	25YrCancerHighEnd_InhSoilDerm	3.0382E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000754	5.0906E-11	25YrCancerHighEnd_InhSoilDerm	5.0906E-11	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000043	2.9031E-10	25YrCancerHighEnd_InhSoilDerm	2.9031E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000319	2.1537E-09	25YrCancerHighEnd_InhSoilDerm	2.1537E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000336	2.2685E-10	25YrCancerHighEnd_InhSoilDerm	2.2685E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000443	2.9909E-10	25YrCancerHighEnd_InhSoilDerm	2.9909E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000345	2.3293E-09	25YrCancerHighEnd_InhSoilDerm	2.3293E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000822	-5.5497E-09	25YrCancerHighEnd_InhSoilDerm	-5.5497E-09	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00156	-1.0532E-08	25YrCancerHighEnd_InhSoilDerm	-1.0532E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00297	-2.0052E-08	25YrCancerHighEnd_InhSoilDerm	-2.0052E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00389	-2.6263E-08	25YrCancerHighEnd_InhSoilDerm	-2.6263E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000936	-6.3194E-09	25YrCancerHighEnd_InhSoilDerm	-6.3194E-09	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000477	-3.2205E-09	25YrCancerHighEnd_InhSoilDerm	-3.2205E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000206	1.3908E-09	25YrCancerHighEnd_InhSoilDerm	1.3908E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000198	1.3368E-09	25YrCancerHighEnd_InhSoilDerm	1.3368E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000118	7.9667E-11	25YrCancerHighEnd_InhSoilDerm	7.9667E-11	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000633	4.2737E-11	25YrCancerHighEnd_InhSoilDerm	4.2737E-11	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000267	1.8026E-11	25YrCancerHighEnd_InhSoilDerm	1.8026E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000619	4.1792E-09	25YrCancerHighEnd_InhSoilDerm	4.1792E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.0026	-1.7554E-08	25YrCancerHighEnd_InhSoilDerm	-1.7554E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.0024	-1.6204E-08	25YrCancerHighEnd_InhSoilDerm	-1.6204E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00301	-2.0322E-08	25YrCancerHighEnd_InhSoilDerm	-2.0322E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000486	-3.2812E-09	25YrCancerHighEnd_InhSoilDerm	-3.2812E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000467	-3.1529E-09	25YrCancerHighEnd_InhSoilDerm	-3.1529E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000384	2.5926E-10	25YrCancerHighEnd_InhSoilDerm	2.5926E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000413	2.7884E-10	25YrCancerHighEnd_InhSoilDerm	2.7884E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000131	8.8444E-10	25YrCancerHighEnd_InhSoilDerm	8.8444E-10	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000115	7.7642E-10	25YrCancerHighEnd_InhSoilDerm	7.7642E-10	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000173	1.168E-09	25YrCancerHighEnd_InhSoilDerm	1.168E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000172	1.1613E-09	25YrCancerHighEnd_InhSoilDerm	1.1613E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000265	1.7891E-09	25YrCancerHighEnd_InhSoilDerm	1.7891E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000261	1.7621E-10	25YrCancerHighEnd_InhSoilDerm	1.7621E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000294	1.9849E-09	25YrCancerHighEnd_InhSoilDerm	1.9849E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000204	1.3773E-10	25YrCancerHighEnd_InhSoilDerm	1.3773E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000371	-2.5048E-09	25YrCancerHighEnd_InhSoilDerm	-2.5048E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000435	-2.9369E-10	25YrCancerHighEnd_InhSoilDerm	-2.9369E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000271	1.8296E-10	25YrCancerHighEnd_InhSoilDerm	1.8296E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000289	-1.9512E-09	25YrCancerHighEnd_InhSoilDerm	-1.9512E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000424	2.8626E-10	25YrCancerHighEnd_InhSoilDerm	2.8626E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00814	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00294	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0117	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0127	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00415	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.000293	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.00936	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0147	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0109	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00978	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.0093	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 1:45:12 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0118	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.015	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0658	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0465	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0432	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0508	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0545	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.165	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0962	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.127	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.115	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.357	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.191	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.194	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.223	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.256	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.195	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00318	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.11	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.0162	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0507	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.015	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0169	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00463	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.132	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.174	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.114	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0427	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.081	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000764	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000541	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000661	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00116	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00118	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00189	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00186	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00168	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00308	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000719	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000855	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000689	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0155	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00122	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00155	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.101	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0676	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0323	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.053	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0652	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.187	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.076	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0122	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0127	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00341	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00411	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.0062	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0777	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1213	1647	-390	9960	SULFATES	0.257	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1214	1650	-890	9960	SULFATES	0.262	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1215	1430	215	9960	SULFATES	0.248	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1216	1142	615	9960	SULFATES	0.0487	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000802	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0207	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0959	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0237	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0101	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0155	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.012	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0292	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1225	3400	-250	9960	SULFATES	0.0048	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0283	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0263	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1228	1577	291	9960	SULFATES	0.0492	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1229	2400	240	9960	SULFATES	0.0107	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00534	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1231	900	935	9960	SULFATES	0.021	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0085	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-2.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-10	-2.01E-09	-2.98E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-2.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-10	-1.39E-09	-2.06E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	1.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-11	1.07E-10	1.59E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	3.49E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-12	2.34E-11	3.48E-12	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	1.50E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-12	1.01E-11	1.50E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-3.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.57E-11	-2.52E-10	-3.74E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-8.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-10	-5.49E-10	-8.16E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-10	-1.06E-09	-1.57E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	1.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-10	1.00E-09	1.49E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	1.82E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-10	1.22E-09	1.82E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	2.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-10	1.65E-09	2.45E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	3.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-10	2.25E-09	3.34E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	7.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-09	5.34E-09	7.93E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-09	1.26E-08	1.87E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	1.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-09	9.22E-09	1.37E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	8.29E-09	1.23E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-09	9.00E-09	1.34E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-09	9.15E-09	1.36E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	3.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.62E-09	2.53E-08	3.76E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	2.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-09	1.51E-08	2.25E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	3.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.99E-09	2.05E-08	3.05E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	1.85E-08	2.75E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	8.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	5.72E-08	8.50E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	4.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	3.12E-08	4.63E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	4.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	3.14E-08	4.67E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	5.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	3.45E-08	5.13E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	5.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	3.60E-08	5.35E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-4.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	-2.97E-08	-4.42E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	3.99E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-11	2.68E-10	3.98E-11	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-09	-1.79E-08	-2.66E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	3.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-10	2.10E-09	3.12E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-1.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-09	-8.93E-09	-1.33E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-4.35E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.96E-11	-2.92E-10	-4.34E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-10	-8.07E-10	-1.20E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-6.08E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-10	-4.08E-10	-6.06E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	1.85E-08	2.75E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	3.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	2.63E-08	3.91E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	2.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-09	1.83E-08	2.72E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	5.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	3.59E-09	5.34E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-2.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-09	-1.51E-08	-2.24E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	1.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-11	1.14E-10	1.70E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	1.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-11	8.57E-11	1.27E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	1.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-11	9.86E-11	1.47E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	2.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-11	1.77E-10	2.62E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	2.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-11	1.74E-10	2.58E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	3.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.21E-11	2.41E-10	3.58E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	3.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-11	2.27E-10	3.37E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	3.44E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-11	2.31E-10	3.43E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	1.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-11	1.17E-10	1.74E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	1.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-11	1.16E-10	1.73E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	2.15E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-11	1.44E-10	2.14E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	1.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-11	8.93E-11	1.33E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-1.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-10	-7.50E-10	-1.11E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	2.04E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-11	1.37E-10	2.04E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	4.64E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	3.12E-10	4.63E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	2.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	1.54E-08	2.28E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-09	1.04E-08	1.55E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	7.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	5.13E-09	7.62E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-09	-1.01E-08	-1.50E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-1.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-09	-1.19E-08	-1.76E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	4.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	2.94E-08	4.36E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	1.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	1.21E-08	1.79E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	2.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-10	1.96E-09	2.91E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	3.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-10	2.09E-09	3.11E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	9.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-10	6.26E-10	9.30E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	1.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-10	8.29E-10	1.23E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	1.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-10	1.11E-09	1.66E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	1.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-09	1.20E-08	1.78E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	6.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	4.09E-08	6.08E-09	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	6.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	4.19E-08	6.22E-09	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	5.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	3.89E-08	5.79E-09	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	8.29E-09	1.23E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-1.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-10	-8.36E-10	-1.24E-10	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	2.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-10	1.86E-09	2.76E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	2.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-09	1.50E-08	2.23E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	5.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-09	3.65E-09	5.42E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	2.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-10	1.56E-09	2.31E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	3.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-10	2.39E-09	3.56E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	2.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-10	1.87E-09	2.77E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	6.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	4.59E-09	6.82E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-10	8.65E-10	1.28E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	6.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	4.53E-09	6.73E-10	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	6.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-09	4.27E-09	6.35E-10	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-09	8.00E-09	1.19E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	2.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-10	1.91E-09	2.83E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	1.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-10	8.57E-10	1.27E-10	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	1.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-09	8.15E-09	1.21E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	2.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-10	1.62E-09	2.41E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-2.03E-06	-2.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-07	-4.84E-09	-2.39E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-1.20E-06	-1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-07	-2.86E-09	-1.42E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	9.93E-07	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	2.37E-09	1.17E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.02E-06	1.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	2.43E-09	1.20E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	4.14E-07	4.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-08	9.86E-10	4.88E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	4.58E-08	4.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-09	1.09E-10	5.40E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-5.03E-07	-5.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.21E-08	-1.20E-09	-5.93E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.36E-06	-1.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-07	-3.24E-09	-1.60E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.26E-06	2.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-07	5.38E-09	2.67E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.10E-06	2.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	5.00E-09	2.48E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.25E-06	2.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	5.36E-09	2.65E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.87E-06	3.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-07	6.84E-09	3.39E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.61E-06	5.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-07	1.34E-08	6.62E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.48E-05	1.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-06	3.53E-08	1.75E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.08E-05	1.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	2.57E-08	1.27E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	9.91E-06	1.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-06	2.36E-08	1.17E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.10E-05	1.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	2.62E-08	1.30E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.14E-05	1.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	2.72E-08	1.34E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.20E-05	3.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-06	7.62E-08	3.77E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.94E-05	2.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-06	4.62E-08	2.29E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.61E-05	2.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-06	6.22E-08	3.08E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.44E-05	2.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-06	5.81E-08	2.88E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.14E-05	7.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.39E-06	1.70E-07	8.42E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.91E-05	4.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-06	9.31E-08	4.61E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.95E-05	4.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-06	9.41E-08	4.66E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.38E-05	4.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-06	1.04E-07	5.17E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.71E-05	4.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-06	1.12E-07	5.56E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.65E-05	-3.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-06	-8.69E-08	-4.31E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	9.98E-07	1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	2.38E-09	1.18E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.14E-05	-2.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-06	-5.10E-08	-2.52E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	3.05E-06	3.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	7.26E-09	3.60E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.04E-05	-1.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	-2.48E-08	-1.23E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	8.79E-07	9.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-08	2.09E-09	1.04E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.30E-06	-1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-07	-3.10E-09	-1.53E-10	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.61E-09	-9.13E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.91E-10	-2.05E-11	-1.02E-12	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.42E-05	2.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-06	5.76E-08	2.85E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.34E-05	3.54E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-06	7.96E-08	3.94E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.41E-05	2.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-06	5.74E-08	2.84E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	6.49E-06	6.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-07	1.55E-08	7.66E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.73E-05	-1.83E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-06	-4.12E-08	-2.04E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.61E-07	1.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	3.83E-10	1.90E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.18E-07	1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	2.81E-10	1.39E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.43E-07	1.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	3.41E-10	1.69E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.52E-07	2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-08	6.00E-10	2.97E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.57E-07	2.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	6.12E-10	3.03E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.74E-07	3.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-08	8.91E-10	4.41E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.74E-07	3.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-08	8.91E-10	4.41E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.81E-07	4.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-08	9.07E-10	4.49E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.84E-07	4.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-08	9.15E-10	4.53E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.66E-07	1.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	3.95E-10	1.96E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.01E-07	2.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	4.79E-10	2.37E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.63E-07	1.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	3.88E-10	1.92E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.18E-06	-1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-07	-2.81E-09	-1.39E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.34E-07	2.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	5.57E-10	2.76E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.47E-07	4.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-08	1.06E-09	5.27E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.01E-05	2.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-06	4.79E-08	2.37E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.31E-05	1.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-06	3.12E-08	1.55E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	6.46E-06	6.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-07	1.54E-08	7.62E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.14E-05	-1.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-06	-2.72E-08	-1.34E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.35E-05	-1.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-06	-3.22E-08	-1.59E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.68E-05	3.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-06	8.77E-08	4.34E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.52E-05	1.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-06	3.62E-08	1.79E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.57E-06	2.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	6.12E-09	3.03E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.73E-06	2.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-07	6.50E-09	3.22E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	7.74E-07	8.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-08	1.84E-09	9.13E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.07E-06	1.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	2.55E-09	1.26E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.38E-06	1.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	3.29E-09	1.63E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.57E-05	1.66E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	3.74E-08	1.85E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.08E-05	5.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-06	1.21E-07	5.99E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.21E-05	5.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-06	1.24E-07	6.15E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	4.83E-05	5.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-06	1.15E-07	5.70E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	1.02E-05	1.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-06	2.43E-08	1.20E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.83E-07	-1.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-08	-4.36E-10	-2.16E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.38E-06	3.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-07	8.05E-09	3.99E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.90E-05	2.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-06	4.53E-08	2.24E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.78E-06	5.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-07	1.14E-08	5.64E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.07E-06	2.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	4.93E-09	2.44E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.17E-06	3.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-07	7.55E-09	3.74E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.47E-06	2.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-07	5.88E-09	2.91E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	5.93E-06	6.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-07	1.41E-08	6.99E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.09E-06	1.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	2.60E-09	1.29E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	5.84E-06	6.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-07	1.39E-08	6.89E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.42E-06	5.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-07	1.29E-08	6.39E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	9.94E-06	1.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-06	2.37E-08	1.17E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	2.34E-06	2.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-07	5.57E-09	2.76E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.11E-06	1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-07	2.64E-09	1.31E-10	0.00E+00
263	900	935	18540299	Cr(VI)	8.21E-06	8.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.50E-07	1.96E-08	9.68E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.00E-06	2.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	4.76E-09	2.36E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-5.90E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-12	-4.25E-11	-3.16E-12	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-2.71E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-12	-1.96E-11	-1.45E-12	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	7.42E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-11	5.34E-11	3.97E-12	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	8.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	5.99E-11	4.45E-12	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	6.46E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-12	4.66E-11	3.46E-12	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	1.13E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-11	8.14E-11	6.05E-12	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	2.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-11	1.67E-10	1.24E-11	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	1.56E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-11	1.13E-10	8.36E-12	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	4.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-11	3.00E-10	2.23E-11	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	3.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-11	2.18E-10	1.62E-11	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	2.51E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-11	1.81E-10	1.34E-11	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	2.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-11	1.94E-10	1.44E-11	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	4.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-11	3.44E-10	2.56E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	9.49E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	6.84E-10	5.08E-11	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	7.30E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-10	5.26E-10	3.91E-11	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	6.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-10	4.94E-10	3.67E-11	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	7.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	5.39E-10	4.00E-11	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	7.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.55E-10	4.12E-11	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	1.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-10	1.38E-09	1.03E-10	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	1.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-10	9.60E-10	7.13E-11	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	1.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	1.31E-09	9.72E-11	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-10	1.47E-09	1.09E-10	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	4.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	3.15E-09	2.34E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	2.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-10	1.87E-09	1.39E-10	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	2.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-10	1.87E-09	1.39E-10	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	2.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-10	2.00E-09	1.49E-10	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	2.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-10	2.03E-09	1.51E-10	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-1.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-10	-1.20E-09	-8.93E-11	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	3.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-11	2.21E-10	1.65E-11	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-9.49E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-10	-6.84E-10	-5.08E-11	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	2.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-11	1.96E-10	1.46E-11	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-4.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.13E-11	-3.39E-10	-2.51E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	4.93E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-12	3.55E-11	2.64E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	1.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-11	1.25E-10	9.26E-12	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	2.76E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-11	1.99E-10	1.48E-11	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	1.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	1.02E-09	7.58E-11	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	1.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-10	1.40E-09	1.04E-10	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	1.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-10	1.43E-09	1.06E-10	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	6.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-11	4.37E-10	3.25E-11	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-8.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-10	-5.83E-10	-4.33E-11	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	1.62E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-12	1.17E-11	8.66E-13	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	1.17E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-12	8.46E-12	6.29E-13	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	1.54E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-12	1.11E-11	8.24E-13	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	2.72E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-12	1.96E-11	1.46E-12	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	2.96E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-12	2.13E-11	1.59E-12	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	4.16E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-12	3.00E-11	2.23E-12	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	4.77E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-12	3.44E-11	2.55E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	5.48E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-12	3.95E-11	2.94E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	4.90E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-12	3.53E-11	2.63E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	1.91E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-12	1.38E-11	1.02E-12	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	2.25E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-12	1.62E-11	1.20E-12	1.66E-12

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	2.73E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-12	1.97E-11	1.46E-12	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	1.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-11	1.21E-10	9.02E-12	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	2.93E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-12	2.11E-11	1.57E-12	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	6.40E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-12	4.62E-11	3.43E-12	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	1.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	1.04E-09	7.76E-11	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	7.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.55E-10	4.12E-11	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	4.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-11	2.96E-10	2.20E-11	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-5.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.78E-11	-3.69E-10	-2.74E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-5.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.53E-11	-4.05E-10	-3.01E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	2.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	1.59E-09	1.18E-10	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	9.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-10	7.09E-10	5.26E-11	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	2.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-11	1.52E-10	1.13E-11	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	2.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-11	1.64E-10	1.22E-11	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	6.01E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-12	4.33E-11	3.22E-12	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	1.14E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-11	8.22E-11	6.11E-12	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	1.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-11	7.41E-11	5.50E-12	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	1.15E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	8.30E-10	6.17E-11	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	2.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-10	2.14E-09	1.59E-10	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	3.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-10	2.23E-09	1.66E-10	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	2.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-10	1.95E-09	1.45E-10	2.00E-10
336	1142	615	7439921	Lead	0.0000117	6.57E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-11	4.74E-10	3.52E-11	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	1.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-11	1.18E-10	8.75E-12	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	3.66E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-11	2.64E-10	1.96E-11	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-10	8.67E-10	6.44E-11	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	3.54E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-11	2.56E-10	1.90E-11	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	1.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-11	1.21E-10	9.02E-12	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	2.48E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-11	1.79E-10	1.33E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	1.98E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-11	1.43E-10	1.06E-11	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	4.29E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-11	3.09E-10	2.30E-11	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	8.76E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-11	6.32E-11	4.69E-12	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	4.36E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-11	3.14E-10	2.33E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	3.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-11	2.73E-10	2.02E-11	2.80E-11
348	1577	291	7439921	Lead	0.0000109	6.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-11	4.41E-10	3.28E-11	4.53E-11
349	2400	240	7439921	Lead	0.00000286	1.61E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-11	1.16E-10	8.60E-12	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	8.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-11	5.99E-11	4.45E-12	6.15E-12
351	900	935	7439921	Lead	0.0000112	6.29E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-11	4.54E-10	3.37E-11	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	1.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-11	1.17E-10	8.66E-12	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000287	-5.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.30E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000163	-3.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000162	2.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000168	3.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000552	1.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000265	-4.90E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000172	-3.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000288	-5.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.32E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000231	4.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000236	4.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000268	4.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000354	6.54E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.000067	1.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000198	3.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000143	2.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.00013	2.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000147	2.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000153	2.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000441	8.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000261	4.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000349	6.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.45E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000315	5.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000977	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000527	9.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000533	9.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.85E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000598	1.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000655	1.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000521	-9.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.62E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.00000578	1.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000305	-5.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.63E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000398	7.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000146	-2.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000169	3.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000295	-5.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.45E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000986	-1.82E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000338	6.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.62E-04	8.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.53E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000312	5.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000873	1.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00024	-4.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.43E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000201	3.71E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000147	2.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000174	3.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000307	5.67E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000308	5.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.0000046	8.50E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.50E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000442	8.17E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000424	7.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.83E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000507	9.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.37E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000197	3.64E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000239	4.42E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000169	3.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000271	-5.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.01E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000281	5.19E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000478	8.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000268	4.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000181	3.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000878	1.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000159	-2.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000191	-3.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000506	9.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.35E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000207	3.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000334	6.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000353	6.52E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00001	1.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000127	2.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.000018	3.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000209	3.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.0007	1.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000715	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000671	1.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000137	2.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.00000662	-1.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000435	8.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000259	4.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000635	1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000027	4.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000416	7.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000322	5.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000791	1.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.000014	2.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000773	1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000724	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000136	2.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000031	5.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000146	2.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000996	1.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000255	4.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0135	3.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0176	3.93E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0428	9.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.56E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0489	1.09E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0126	2.81E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.00425	-9.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.49E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0413	-9.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.22E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0691	-1.54E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00421	9.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00264	-5.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.90E-07	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0122	-2.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-3.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.077	-1.72E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0427	-9.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.53E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0313	-6.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.99E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0181	-4.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00999	-2.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00575	-1.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.013	2.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	-0.000179	-4.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00894	-2.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00814	-1.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0216	-4.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.82E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0122	-2.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00428	-9.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.56E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0296	6.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0987	2.20E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0725	-1.62E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.123	-2.75E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.121	-2.70E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0258	-5.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.76E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0108	2.41E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0631	1.41E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0736	-1.64E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.042	-9.38E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.38E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.00107	-2.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.39E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0122	2.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.0075	-1.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.058	1.30E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0893	-1.99E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.99E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000746	-1.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000533	-1.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.00079	-1.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00069	-1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00154	-3.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.0018	-4.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00133	-2.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.97E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.000999	-2.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00708	1.58E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000954	-2.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0011	-2.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00121	-2.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.068	-1.52E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.0000874	-1.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00501	-1.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000837	1.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0116	-2.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.59E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.000438	-9.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.78E-08	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0521	-1.16E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.103	-2.30E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0109	-2.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00852	-1.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00279	-6.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.23E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00323	-7.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.21E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000971	-2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00703	-1.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00167	-3.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.0046	-1.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.015	-3.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0182	-4.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.06E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-3.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00218	-4.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.87E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0255	-5.69E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.69E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.000142	-3.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-08	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00648	-1.45E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00452	-1.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00285	-6.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.36E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00368	-8.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.22E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00291	-6.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00387	-8.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00164	-3.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00401	-8.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00438	-9.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.78E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00401	-8.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00197	-4.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000658	-1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00835	-1.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00264	-5.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.90E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00126	1.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00121	1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00168	2.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00191	2.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00164	2.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00514	6.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00634	7.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00406	4.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00569	6.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.93E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00374	4.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00228	2.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00177	2.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000269	-3.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000646	7.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	1.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00122	1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00151	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00338	4.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00565	6.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00969	1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	2.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00687	8.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00702	8.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00687	8.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00646	7.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00649	7.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.0035	4.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00255	3.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000727	8.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.85E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000614	7.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00197	2.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.0017	2.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00436	5.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00517	6.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000402	4.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00155	1.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0163	1.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00531	6.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000504	6.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000125	1.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000781	9.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.51E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000116	1.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000249	3.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000275	3.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000396	4.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000572	6.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000686	8.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.00086	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000169	2.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000199	2.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000465	5.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00427	5.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	5.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000856	1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	9.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000857	1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000245	2.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00111	1.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00169	2.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00382	4.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00291	3.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	3.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000428	5.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00693	8.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.44E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00161	1.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00394	4.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000604	-7.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.36E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00391	4.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	5.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00375	4.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	2.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	2.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	1.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	2.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	5.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	2.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.0014	1.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00108	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000489	5.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	5.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000833	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00224	4.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00245	4.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00419	8.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.51E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00479	9.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00399	8.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0126	2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0153	3.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00919	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	2.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00894	1.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00516	1.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00377	7.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.65E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.0013	2.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00252	-5.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.12E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000531	-1.08E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00141	2.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00185	3.76E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00268	5.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00671	1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0222	4.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0498	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0109	2.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0123	2.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0113	2.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00997	2.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0115	2.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.34E-03	6.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	4.26E-04	8.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.65E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-5.11E-03	-1.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.12E-03	-4.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.76E-03	5.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	4.16E-03	8.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.44E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.00E-02	2.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	2.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00186	-3.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.76E-03	3.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.87E-02	7.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.86E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.53E-03	1.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00439	-8.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.91E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.73E-04	5.54E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000168	3.41E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000247	5.01E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000561	1.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000604	1.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.00084	1.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.0013	2.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00161	3.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00205	4.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000379	7.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.69E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000449	9.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.08E-03	2.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00983	2.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.82E-04	1.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	3.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.96E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	3.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000945	1.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00127	-2.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000981	-1.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.99E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000776	-1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00738	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00591	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	7.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	7.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000651	1.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00239	4.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000951	1.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	3.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000545	1.11E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00595	1.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00484	-9.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.83E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00175	3.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00812	1.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00836	1.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00474	9.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.62E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	5.74E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	8.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.20E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	6.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00563	1.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	2.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00577	1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00312	6.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00197	4.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	2.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000959	1.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00189	3.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	3.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0111	-2.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00669	-1.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000768	1.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00132	2.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000616	-1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000635	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00299	-6.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.07E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00996	-2.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00124	-2.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00305	-6.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.19E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00547	-1.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00749	-1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0173	-3.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0314	-6.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.37E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.021	-4.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0153	-3.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.11E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0146	-2.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.013	-2.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0203	-4.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0146	-2.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.021	-4.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00894	-1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0762	-1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0634	-1.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0714	-1.45E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0753	-1.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0563	-1.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0672	-1.36E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0746	-1.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0881	-1.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0464	-9.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.42E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0266	-5.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.40E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.000313	-6.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.35E-09	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-8.80E-03	-1.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.85E-03	-1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.64E-02	-7.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.63E-02	-5.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.34E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.54E-02	-3.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.77E-02	-1.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-1.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.29E-04	-8.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.71E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.09E-04	-6.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.27E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.66E-04	-9.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-6.61E-04	-1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-8.98E-04	-1.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.67E-03	-3.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.37E-03	-2.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.78E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-9.96E-04	-2.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-7.98E-04	-1.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.44E-04	-9.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.01E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.90E-04	-9.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.95E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-7.68E-04	-1.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-8.19E-03	-1.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-7.88E-04	-1.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.93E-03	-3.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.90E-02	-3.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.86E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.48E-02	-3.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.39E-02	-4.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.85E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.75E-02	-9.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.64E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.29E-02	-1.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.55E-02	-5.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.59E-02	-3.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.23E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.46E-03	-2.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.70E-03	-3.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-6.95E-04	-1.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.16E-03	-6.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.41E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.26E-03	-2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.18E-02	-2.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.35E-02	-8.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.83E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.76E-02	-9.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.66E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.29E-02	-8.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.71E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.04E-02	-2.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-3.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.38E-02	-2.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.07E-02	-2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.32E-03	-8.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.77E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.98E-03	-4.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.67E-03	-5.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.84E-03	-3.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.74E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.33E-03	-6.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.76E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.01E-03	-2.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.04E-03	-6.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.17E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.93E-03	-7.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.98E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.79E-03	-1.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.13E-03	-4.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.32E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.65E-04	-1.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.33E-03	-1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.89E-03	-3.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.57E-03	-6.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.31E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.24E-03	-3.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-9.92E-05	-1.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	2.08E-05	3.67E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-11	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.06E-04	-8.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.94E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-9.86E-04	-1.74E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-2.14E-03	-3.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.78E-03	-6.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.68E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.49E-03	-2.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.65E-03	-2.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.09E-03	-3.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.59E-03	-4.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.57E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00541	-9.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.55E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00941	-1.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00641	-1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.0048	-8.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.48E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00461	-8.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.14E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00419	-7.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.40E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00675	-1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00548	-9.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.68E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00818	-1.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00671	-1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0242	-4.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0204	-3.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.60E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0228	-4.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0238	-4.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0181	-3.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-3.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0229	-4.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0265	-4.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.014	-2.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00836	-1.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000427	-7.54E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.54E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00349	-6.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.16E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00307	-5.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.011	-1.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00819	-1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.0078	-1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0183	-3.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.23E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-3.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000153	-2.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.000108	-1.91E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000162	-2.86E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.86E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000247	-4.36E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000323	-5.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.70E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000579	-1.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000524	-9.25E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.25E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000433	-7.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.65E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000408	-7.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.21E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000166	-2.93E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000186	-3.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000321	-5.67E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.67E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-3.29E-03	-5.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.20E-04	-5.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.65E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.47E-04	-1.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.27E-03	-1.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00461	-8.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.14E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00722	-1.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0145	-2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0192	-3.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00839	-1.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.34E-03	-9.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.43E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.28E-04	-1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000808	-1.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000264	-4.66E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00116	-2.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.00046	-8.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00489	-8.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0134	-2.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0151	-2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-2.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00332	-5.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.86E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00639	-1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00507	-8.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00395	-6.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.0017	-3.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000831	-1.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00114	-2.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000834	-1.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.47E-03	-2.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.93E-04	-6.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.94E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00139	-2.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.45E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00145	-2.56E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00285	-5.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.03E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.34E-04	-1.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.41E-04	-6.02E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.39E-03	-4.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000731	-1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00796	3.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00802	3.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0122	5.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0139	5.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0118	5.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.037	1.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0453	1.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0282	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0408	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	1.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0158	6.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	5.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.006	2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00344	-1.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00248	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00606	2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00725	3.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00948	4.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.22E-02	9.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.46E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0391	1.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0676	2.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	6.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.15E-02	1.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0439	1.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.20E-02	1.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.87E-02	1.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0409	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0183	7.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.80E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0106	4.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00388	-1.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000382	-1.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0114	4.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0122	5.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0305	1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0365	1.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000873	-3.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00846	3.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	4.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0323	1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00381	-1.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000853	3.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.00053	2.26E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000783	3.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.73E-03	7.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00188	8.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00267	1.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00398	1.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00483	2.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00611	2.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.17E-03	4.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00138	5.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00326	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0299	1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00298	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00596	2.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	2.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00464	1.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000712	-3.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.0031	1.3215E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3215E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00565	2.4086E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4086E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0248	1.0572E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0572E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0193	8.2276E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2276E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	4.5188E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5188E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	4.604E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.604E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	8.4834E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4834E-09	0	0	0

Proposed Project RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00741	3.1589E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1589E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00295	1.2576E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2576E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	2.0718E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0718E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00708	3.0182E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0182E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0234	9.9754E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9754E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00878	-3.7429E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7429E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00644	2.7454E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7454E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	1.1169E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1169E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	1.394E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.394E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0259	1.1041E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1041E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	6.1387E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1387E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00855	3.6449E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6449E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	5.2009E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2009E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	4.3483E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3483E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	7.2045E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2045E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	1.3684E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3684E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	7.375E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.375E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00964	4.1095E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1095E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00687	2.9287E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9287E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.0033	1.4068E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4068E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00292	1.2448E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2448E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00646	2.7539E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7539E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	2.4725E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4725E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000576	-1.4031E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4031E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000241	-5.8708E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8708E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000467	1.1376E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1376E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000566	1.3788E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3788E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000347	8.4529E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4529E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00125	3.045E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.045E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00129	3.1424E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1424E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000187	4.5553E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5553E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00127	3.0937E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0937E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000659	1.6053E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6053E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000114	2.777E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.777E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000168	-4.0925E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0925E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00112	-2.7283E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7283E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00251	-6.1144E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1144E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00151	-3.6784E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6784E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000963	-2.3459E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3459E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000868	-2.1144E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1144E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000673	-1.6394E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6394E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000803	-1.9561E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9561E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000201	4.8964E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8964E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00067	1.6321E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6321E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00425	1.0353E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0353E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00442	-1.0767E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0767E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00336	-8.185E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.185E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00403	-9.8171E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.8171E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00444	-1.0816E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0816E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00292	-7.1131E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1131E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00451	-1.0986E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0986E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00533	-1.2984E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2984E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00684	-1.6662E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6662E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00355	-8.6478E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.6478E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00164	-3.995E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.995E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000386	9.403E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.403E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000352	8.5747E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5747E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000701	1.7076E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7076E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00281	-6.8452E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8452E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00172	-4.1899E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1899E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00269	6.5528E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5528E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00331	-8.0632E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.0632E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-1.3666E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3666E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.0000041	-9.9876E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.9876E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000576	-1.4031E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4031E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000923	-2.2484E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2484E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000754	1.8367E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8367E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000524	-1.2765E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2765E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000379	-9.2324E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2324E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000287	6.9913E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9913E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000862	2.0998E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0998E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000144	3.5078E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5078E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000533	1.2984E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2984E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000892	2.1729E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1729E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000509	1.2399E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2399E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000377	9.1837E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1837E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000398	9.6953E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6953E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000525	1.2789E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2789E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000408	9.9389E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9389E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000973	-2.3702E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3702E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00185	-4.5066E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5066E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00351	-8.5504E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5504E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00461	-1.123E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.123E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00111	-2.704E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.704E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000565	-1.3763E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3763E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000244	5.9438E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9438E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000234	5.7002E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7002E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000014	3.4104E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4104E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000749	1.8246E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8246E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000316	7.6978E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6978E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000733	1.7856E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7856E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00308	-7.5029E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5029E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00284	-6.9182E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.9182E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-8.6965E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.6965E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000575	-1.4007E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4007E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000553	-1.3471E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3471E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000454	1.1059E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1059E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000489	1.1912E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1912E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000155	3.7758E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7758E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000136	3.313E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.313E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000205	4.9938E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9938E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000203	4.9451E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9451E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000314	7.649E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.649E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000309	7.5272E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5272E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000348	8.4773E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4773E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000241	5.8708E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8708E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000439	-1.0694E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0694E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000515	-1.2545E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2545E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.000032	7.7952E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7952E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000342	-8.3311E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.3311E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000502	1.2229E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2229E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00977	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0138	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0149	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00489	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.000379	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0111	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0175	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0128	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0115	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.011	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/19/2019 2:05:44 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\PP_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0139	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0177	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0779	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.055	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0512	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0601	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0645	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.196	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.114	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.15	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.136	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.422	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.226	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.229	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.263	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.303	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.232	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00306	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.131	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.019	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0603	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0175	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0201	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00562	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.157	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.206	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.135	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0499	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0962	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000899	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000637	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000776	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00136	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00138	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00222	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00217	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00197	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000842	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.001	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000808	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0184	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00143	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00182	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.08	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0382	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0628	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0777	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.221	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.09	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0144	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.015	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00403	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00485	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00734	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0919	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.304	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.31	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.293	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0577	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0007	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0243	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.113	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.028	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0184	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0142	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0346	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00567	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0334	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0311	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0583	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0127	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00632	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0249	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0101	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.81E-07	-1.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-09	-1.33E-08	-9.67E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-1.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-09	-9.17E-09	-6.68E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	1.50E-08	8.92E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	7.09E-10	5.16E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	3.28E-09	1.95E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-11	1.55E-10	1.13E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.41E-09	8.39E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-11	6.67E-11	4.85E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.52E-08	-2.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-10	-1.66E-09	-1.21E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-7.69E-08	-4.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.73E-10	-3.64E-09	-2.65E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.48E-07	-8.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-09	-7.00E-09	-5.09E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.40E-07	8.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	6.62E-09	4.82E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.71E-07	1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	8.08E-09	5.88E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.31E-07	1.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	1.09E-08	7.95E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.15E-07	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-09	1.49E-08	1.08E-09	0.00E+00
13	394.15	623.31	7440382	Arsenic	7.47E-07	4.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-09	3.53E-08	2.57E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.76E-06	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	8.32E-08	6.06E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.29E-06	7.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	6.10E-08	4.44E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.16E-06	6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.48E-08	3.99E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.26E-06	7.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	5.96E-08	4.34E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.28E-06	7.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	6.05E-08	4.40E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	3.54E-06	2.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-08	1.67E-07	1.22E-08	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	2.12E-06	1.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-08	1.00E-07	7.29E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.87E-06	1.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	1.36E-07	9.88E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.59E-06	1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	1.22E-07	8.91E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	8.01E-06	4.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-08	3.79E-07	2.76E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	4.36E-06	2.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-08	2.06E-07	1.50E-08	0.00E+00
25	544.23	-594.35	7440382	Arsenic	4.40E-06	2.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-08	2.08E-07	1.51E-08	0.00E+00
26	338.12	-539.73	7440382	Arsenic	4.83E-06	2.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-08	2.28E-07	1.66E-08	0.00E+00
27	123.44	-529.45	7440382	Arsenic	5.04E-06	3.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-08	2.38E-07	1.73E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.16E-06	-2.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-08	-1.97E-07	-1.43E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	3.75E-08	2.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-10	1.77E-09	1.29E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.51E-06	-1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-08	-1.19E-07	-8.64E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	2.94E-07	1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	1.39E-08	1.01E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.25E-06	-7.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	-5.91E-08	-4.30E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.09E-08	-2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-10	-1.93E-09	-1.41E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.13E-07	-6.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.89E-10	-5.34E-09	-3.89E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-5.71E-08	-3.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-10	-2.70E-09	-1.96E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.59E-06	1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	1.22E-07	8.91E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.68E-06	2.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	1.74E-07	1.27E-08	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	2.56E-06	1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	1.21E-07	8.81E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	5.03E-07	2.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-09	2.38E-08	1.73E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-08	-9.98E-08	-7.26E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.60E-08	9.52E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	7.56E-10	5.51E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.20E-08	7.14E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	5.67E-10	4.13E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.38E-08	8.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	6.52E-10	4.75E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.47E-08	1.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-10	1.17E-09	8.50E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	2.43E-08	1.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-10	1.15E-09	8.36E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.37E-08	2.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-10	1.59E-09	1.16E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	3.17E-08	1.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-10	1.50E-09	1.09E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.23E-08	1.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-10	1.53E-09	1.11E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	1.64E-08	9.75E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	7.75E-10	5.64E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.63E-08	9.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	7.71E-10	5.61E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.02E-08	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-10	9.55E-10	6.95E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.25E-08	7.43E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	5.91E-10	4.30E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.05E-07	-6.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-10	-4.96E-09	-3.61E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.92E-08	1.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-10	9.08E-10	6.61E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.36E-08	2.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-10	2.06E-09	1.50E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	2.15E-06	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	1.02E-07	7.40E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.46E-06	8.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	6.90E-08	5.02E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	7.18E-07	4.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-09	3.39E-08	2.47E-09	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.41E-06	-8.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	-6.67E-08	-4.85E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.66E-06	-9.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	-7.85E-08	-5.71E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	4.11E-06	2.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	1.94E-07	1.41E-08	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.69E-06	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	7.99E-08	5.82E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.74E-07	1.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-09	1.30E-08	9.43E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.93E-07	1.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	1.39E-08	1.01E-09	0.00E+00
65	3479.67	224.81	7440382	Arsenic	8.76E-08	5.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-10	4.14E-09	3.01E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.16E-07	6.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	5.48E-09	3.99E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.56E-07	9.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	7.38E-09	5.37E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.68E-06	9.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	7.94E-08	5.78E-09	0.00E+00
69	1647	-390	7440382	Arsenic	5.73E-06	3.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-08	2.71E-07	1.97E-08	0.00E+00
70	1650	-890	7440382	Arsenic	5.86E-06	3.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-08	2.77E-07	2.02E-08	0.00E+00
71	1430	215	7440382	Arsenic	5.45E-06	3.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-08	2.58E-07	1.88E-08	0.00E+00
72	1142	615	7440382	Arsenic	1.16E-06	6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.48E-08	3.99E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-1.17E-07	-6.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	-5.53E-09	-4.03E-10	0.00E+00
74	-42	-825	7440382	Arsenic	2.60E-07	1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-09	1.23E-08	8.95E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	2.10E-06	1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-08	9.93E-08	7.23E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	5.11E-07	3.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-09	2.42E-08	1.76E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	2.18E-07	1.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	1.03E-08	7.50E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	3.35E-07	1.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-09	1.58E-08	1.15E-09	0.00E+00
79	3480	-2025	7440382	Arsenic	2.61E-07	1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-09	1.23E-08	8.98E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	6.42E-07	3.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-09	3.04E-08	2.21E-09	0.00E+00
81	3400	-250	7440382	Arsenic	1.21E-07	7.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	5.72E-09	4.16E-10	0.00E+00
82	2577	-940	7440382	Arsenic	6.34E-07	3.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	3.00E-08	2.18E-09	0.00E+00
83	2404	-475	7440382	Arsenic	5.98E-07	3.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	2.83E-08	2.06E-09	0.00E+00
84	1577	291	7440382	Arsenic	1.12E-06	6.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.81E-09	5.30E-08	3.85E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.67E-07	1.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	1.26E-08	9.19E-10	0.00E+00
86	2600	1290	7440382	Arsenic	1.20E-07	7.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	5.67E-09	4.13E-10	0.00E+00
87	900	935	7440382	Arsenic	1.14E-06	6.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-09	5.39E-08	3.92E-09	0.00E+00
88	1375	1395	7440382	Arsenic	2.27E-07	1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	1.07E-08	7.81E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-2.03E-06	-7.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.55E-07	-3.20E-08	-7.76E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-1.20E-06	-4.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.46E-07	-1.89E-08	-4.59E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	9.93E-07	3.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	1.57E-08	3.80E-10	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	1.02E-06	3.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-07	1.61E-08	3.90E-10	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	4.14E-07	1.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	6.52E-09	1.58E-10	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	4.58E-08	1.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	7.22E-10	1.75E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-5.03E-07	-1.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-07	-7.93E-09	-1.92E-10	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.36E-06	-5.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-07	-2.14E-08	-5.20E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.26E-06	8.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.41E-07	3.56E-08	8.64E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.10E-06	8.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-07	3.31E-08	8.03E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	2.25E-06	8.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-07	3.55E-08	8.60E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	2.87E-06	1.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	4.52E-08	1.10E-09	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	5.61E-06	2.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-06	8.84E-08	2.14E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.48E-05	5.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-06	2.33E-07	5.66E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	1.08E-05	4.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-06	1.70E-07	4.13E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	9.91E-06	3.85E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-06	1.56E-07	3.79E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	1.10E-05	4.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-06	1.73E-07	4.21E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	1.14E-05	4.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-06	1.80E-07	4.36E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	3.20E-05	1.24E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-05	5.04E-07	1.22E-08	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.94E-05	7.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.22E-06	3.06E-07	7.42E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	2.61E-05	1.01E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-06	4.11E-07	9.98E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	2.44E-05	9.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-06	3.85E-07	9.33E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	7.14E-05	2.77E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-05	1.13E-06	2.73E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	3.91E-05	1.52E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-05	6.16E-07	1.49E-08	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	3.95E-05	1.53E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-05	6.23E-07	1.51E-08	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	4.38E-05	1.70E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-05	6.90E-07	1.67E-08	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	4.71E-05	1.83E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-05	7.42E-07	1.80E-08	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.65E-05	-1.42E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-05	-5.75E-07	-1.40E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	9.98E-07	3.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-07	1.57E-08	3.82E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.14E-05	-8.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.96E-06	-3.37E-07	-8.18E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	3.05E-06	1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-06	4.81E-08	1.17E-09	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.04E-05	-4.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-06	-1.64E-07	-3.98E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	8.79E-07	3.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-07	1.39E-08	3.36E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.30E-06	-5.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.84E-07	-2.05E-08	-4.97E-10	0.00E+00

Proposed Project RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.61E-09	-3.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-09	-1.36E-10	-3.29E-12	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	2.42E-05	9.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.00E-06	3.81E-07	9.25E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	3.34E-05	1.30E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-05	5.26E-07	1.28E-08	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	2.41E-05	9.36E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.97E-06	3.80E-07	9.21E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	6.49E-06	2.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-06	1.02E-07	2.48E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.73E-05	-6.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.44E-06	-2.73E-07	-6.61E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.61E-07	6.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-08	2.54E-09	6.16E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	1.18E-07	4.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	1.86E-09	4.51E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.43E-07	5.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-08	2.25E-09	5.47E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	2.52E-07	9.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.38E-08	3.97E-09	9.63E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.57E-07	9.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.56E-08	4.05E-09	9.83E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.74E-07	1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	5.89E-09	1.43E-10	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.74E-07	1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	5.89E-09	1.43E-10	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.81E-07	1.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	6.00E-09	1.46E-10	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	3.84E-07	1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	6.05E-09	1.47E-10	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.66E-07	6.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-08	2.62E-09	6.35E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	2.01E-07	7.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-08	3.17E-09	7.68E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.63E-07	6.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-08	2.57E-09	6.23E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.18E-06	-4.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.39E-07	-1.86E-08	-4.51E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	2.34E-07	9.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-08	3.69E-09	8.95E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	4.47E-07	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	7.04E-09	1.71E-10	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	2.01E-05	7.80E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-06	3.17E-07	7.68E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.31E-05	5.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-06	2.06E-07	5.01E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	6.46E-06	2.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-06	1.02E-07	2.47E-09	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.14E-05	-4.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-06	-1.80E-07	-4.36E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.35E-05	-5.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-06	-2.13E-07	-5.16E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	3.68E-05	1.43E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-05	5.80E-07	1.41E-08	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.52E-05	5.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-06	2.40E-07	5.81E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.57E-06	9.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.56E-07	4.05E-08	9.83E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.73E-06	1.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	4.30E-08	1.04E-09	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	7.74E-07	3.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-07	1.22E-08	2.96E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	1.07E-06	4.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-07	1.69E-08	4.09E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.38E-06	5.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-07	2.17E-08	5.28E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.57E-05	6.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-06	2.47E-07	6.00E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	5.08E-05	1.97E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-05	8.01E-07	1.94E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	5.21E-05	2.02E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-05	8.21E-07	1.99E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	4.83E-05	1.88E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-05	7.61E-07	1.85E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	1.02E-05	3.96E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-06	1.61E-07	3.90E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.83E-07	-7.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.81E-08	-2.88E-09	-7.00E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.38E-06	1.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	5.33E-08	1.29E-09	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.90E-05	7.38E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.07E-06	2.99E-07	7.26E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	4.78E-06	1.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-06	7.53E-08	1.83E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	2.07E-06	8.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-07	3.26E-08	7.91E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	3.17E-06	1.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	5.00E-08	1.21E-09	0.00E+00
255	3480	-2025	18540299	Cr(VI)	2.47E-06	9.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-07	3.89E-08	9.44E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	5.93E-06	2.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-06	9.35E-08	2.27E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	1.09E-06	4.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-07	1.72E-08	4.17E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	5.84E-06	2.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-06	9.20E-08	2.23E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	5.42E-06	2.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-06	8.54E-08	2.07E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	9.94E-06	3.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-06	1.57E-07	3.80E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	2.34E-06	9.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-07	3.69E-08	8.95E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	1.11E-06	4.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-07	1.75E-08	4.24E-10	0.00E+00
263	900	935	18540299	Cr(VI)	8.21E-06	3.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-06	1.29E-07	3.14E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	2.00E-06	7.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-07	3.15E-08	7.65E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.05E-06	-3.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-11	-2.81E-10	-1.02E-11	-4.36E-12
266	-1778.03	-291.29	7439921	Lead	-4.83E-07	-1.51E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-11	-1.29E-10	-4.71E-12	-2.01E-12
267	-1732.28	175.05	7439921	Lead	1.32E-06	4.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-11	3.54E-10	1.29E-11	5.48E-12
268	-1579.43	347.93	7439921	Lead	1.48E-06	4.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-11	3.97E-10	1.44E-11	6.15E-12
269	-1525.43	516.64	7439921	Lead	1.15E-06	3.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-11	3.08E-10	1.12E-11	4.78E-12
270	-1332.88	500.04	7439921	Lead	2.01E-06	6.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-11	5.39E-10	1.96E-11	8.35E-12
271	-1140.45	476.3	7439921	Lead	4.13E-06	1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-10	1.11E-09	4.03E-11	1.72E-11
272	-672.12	353.55	7439921	Lead	2.78E-06	8.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-11	7.45E-10	2.71E-11	1.15E-11
273	-169.37	170.38	7439921	Lead	7.41E-06	2.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-10	1.99E-09	7.22E-11	3.08E-11
274	-75.04	299.11	7439921	Lead	5.39E-06	1.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-10	1.44E-09	5.25E-11	2.24E-11
275	49.15	527.2	7439921	Lead	4.46E-06	1.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	1.19E-09	4.35E-11	1.85E-11
276	144.22	648.15	7439921	Lead	4.79E-06	1.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	1.28E-09	4.67E-11	1.99E-11
277	394.15	623.31	7439921	Lead	8.50E-06	2.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-10	2.28E-09	8.29E-11	3.53E-11
278	501.62	717.12	7439921	Lead	1.69E-05	5.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-10	4.53E-09	1.65E-10	7.02E-11
279	618.47	665.12	7439921	Lead	1.30E-05	4.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-10	3.48E-09	1.27E-10	5.40E-11
280	755.45	579.13	7439921	Lead	1.22E-05	3.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-10	3.27E-09	1.19E-10	5.07E-11
281	867.79	485.41	7439921	Lead	1.33E-05	4.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-10	3.56E-09	1.30E-10	5.52E-11
282	955.03	377.6	7439921	Lead	0.0000137	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	3.67E-09	1.34E-10	5.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000341	1.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	9.14E-09	3.32E-10	1.42E-10
284	1406.74	-290.13	7439921	Lead	0.0000237	7.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-10	6.35E-09	2.31E-10	9.84E-11
285	1456.2	-436.06	7439921	Lead	0.0000323	1.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.90E-10	8.65E-09	3.15E-10	1.34E-10
286	1209.21	-528.32	7439921	Lead	0.0000362	1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	9.70E-09	3.53E-10	1.50E-10
287	913.01	-694.67	7439921	Lead	0.0000777	2.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	2.08E-08	7.58E-10	3.23E-10
288	717.24	-664.22	7439921	Lead	0.0000461	1.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	1.24E-08	4.49E-10	1.91E-10
289	544.23	-594.35	7439921	Lead	0.0000463	1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	1.24E-08	4.51E-10	1.92E-10
290	338.12	-539.73	7439921	Lead	0.0000494	1.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-09	1.32E-08	4.82E-10	2.05E-10
291	123.44	-529.45	7439921	Lead	0.0000501	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	1.34E-08	4.88E-10	2.08E-10
292	-353.26	-515.05	7439921	Lead	-0.0000297	-9.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.10E-10	-7.96E-09	-2.90E-10	-1.23E-10
293	-537.68	-487.8	7439921	Lead	0.00000547	1.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-10	1.47E-09	5.33E-11	2.27E-11
294	-775.51	-486.07	7439921	Lead	-0.0000169	-5.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-10	-4.53E-09	-1.65E-10	-7.02E-11
295	-1414.44	-481.5	7439921	Lead	0.00000484	1.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	1.30E-09	4.72E-11	2.01E-11
296	-1515.21	-320.18	7439921	Lead	-8.36E-06	-2.61E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-10	-2.24E-09	-8.15E-11	-3.47E-11
297	-1749.69	-63.9	7439921	Lead	8.77E-07	2.74E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-11	2.35E-10	8.55E-12	3.64E-12
298	-920.57	426.17	7439921	Lead	3.08E-06	9.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-11	8.25E-10	3.00E-11	1.28E-11
299	-420.73	233.87	7439921	Lead	4.91E-06	1.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-10	1.32E-09	4.79E-11	2.04E-11
300	1090.12	214.1	7439921	Lead	2.52E-05	7.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-10	6.75E-09	2.46E-10	1.05E-10
301	1183.39	65.17	7439921	Lead	3.46E-05	1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	9.27E-09	3.37E-10	1.44E-10
302	1055.3	-577.42	7439921	Lead	3.53E-05	1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	9.46E-09	3.44E-10	1.47E-10
303	-103.02	-518.78	7439921	Lead	1.08E-05	3.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	2.89E-09	1.05E-10	4.49E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-4.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.41E-10	-3.86E-09	-1.40E-10	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000288	9.00E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-12	7.72E-11	2.81E-12	1.20E-12
306	-5050.04	-958.41	7439921	Lead	0.000000209	6.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-12	5.60E-11	2.04E-12	8.68E-13
307	-4023.97	-112.26	7439921	Lead	2.74E-07	8.56E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-12	7.34E-11	2.67E-12	1.14E-12
308	-2122.34	995.23	7439921	Lead	4.85E-07	1.52E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-11	1.30E-10	4.73E-12	2.01E-12
309	-2734.69	227.4	7439921	Lead	5.27E-07	1.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-11	1.41E-10	5.14E-12	2.19E-12
310	-2371.11	-69.21	7439921	Lead	7.41E-07	2.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-11	1.99E-10	7.22E-12	3.08E-12
311	-2146.26	177.17	7439921	Lead	8.49E-07	2.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-11	2.27E-10	8.28E-12	3.53E-12
312	-1919.02	445.07	7439921	Lead	9.76E-07	3.05E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-11	2.61E-10	9.52E-12	4.05E-12
313	-1651.12	607.72	7439921	Lead	8.73E-07	2.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-11	2.34E-10	8.51E-12	3.63E-12
314	-3361.39	677.09	7439921	Lead	3.40E-07	1.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-11	9.11E-11	3.31E-12	1.41E-12
315	-3026.51	724.93	7439921	Lead	4.00E-07	1.25E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-11	1.07E-10	3.90E-12	1.66E-12

Proposed Project RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.86E-07	1.52E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-11	1.30E-10	4.74E-12	2.02E-12
317	-922.86	446.42	7439921	Lead	3.00E-06	9.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-11	8.04E-10	2.92E-11	1.25E-11
318	-1799.42	1088.51	7439921	Lead	5.21E-07	1.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-11	1.40E-10	5.08E-12	2.16E-12
319	-359.36	1846.44	7439921	Lead	1.14E-06	3.56E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-11	3.05E-10	1.11E-11	4.74E-12
320	671.3	-742.78	7439921	Lead	2.58E-05	8.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-10	6.91E-09	2.52E-10	1.07E-10
321	-1565.55	-932.22	7439921	Lead	1.37E-05	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	3.67E-09	1.34E-10	5.69E-11
322	-1733.02	-528.24	7439921	Lead	7.32E-06	2.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-10	1.96E-09	7.14E-11	3.04E-11
323	-1261.46	-507.67	7439921	Lead	-9.12E-06	-2.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-10	-2.44E-09	-8.89E-11	-3.79E-11
324	-883.92	-503.26	7439921	Lead	-0.00001	-3.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.06E-10	-2.68E-09	-9.75E-11	-4.15E-11
325	1599.35	-1104.97	7439921	Lead	0.0000392	1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	1.05E-08	3.82E-10	1.63E-10
326	1608.16	-1382.63	7439921	Lead	1.75E-05	5.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-10	4.69E-09	1.71E-10	7.27E-11
327	3517.15	-1425.27	7439921	Lead	3.75E-06	1.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	1.00E-09	3.66E-11	1.56E-11
328	2959.77	-846.37	7439921	Lead	4.05E-06	1.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	1.09E-09	3.95E-11	1.68E-11
329	3479.67	224.81	7439921	Lead	0.00000107	3.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-11	2.87E-10	1.04E-11	4.44E-12
330	44.43	1469.76	7439921	Lead	0.00000203	6.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-11	5.44E-10	1.98E-11	8.43E-12
331	3044.83	-34	7439921	Lead	1.83E-06	5.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-11	4.90E-10	1.78E-11	7.60E-12
332	1088	-938	7439921	Lead	2.05E-05	6.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-10	5.49E-09	2.00E-10	8.52E-11
333	1647	-390	7439921	Lead	5.28E-05	1.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	1.41E-08	5.15E-10	2.19E-10
334	1650	-890	7439921	Lead	5.51E-05	1.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	1.48E-08	5.37E-10	2.29E-10
335	1430	215	7439921	Lead	4.81E-05	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	1.29E-08	4.69E-10	2.00E-10
336	1142	615	7439921	Lead	0.0000117	3.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-10	3.13E-09	1.14E-10	4.86E-11
337	-333	-788	7439921	Lead	0.00000291	9.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-11	7.80E-10	2.84E-11	1.21E-11
338	-42	-825	7439921	Lead	0.00000652	2.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	1.75E-09	6.36E-11	2.71E-11
339	1900	-1175	7439921	Lead	0.0000214	6.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-10	5.73E-09	2.09E-10	8.89E-11
340	1815	-1910	7439921	Lead	0.00000631	1.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-10	1.69E-09	6.15E-11	2.62E-11
341	2575	-2650	7439921	Lead	0.000003	9.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-11	8.04E-10	2.92E-11	1.25E-11
342	2665	-2025	7439921	Lead	0.00000442	1.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	1.18E-09	4.31E-11	1.84E-11
343	3480	-2025	7439921	Lead	0.00000353	1.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	9.46E-10	3.44E-11	1.47E-11
344	2667	-1400	7439921	Lead	0.00000764	2.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-10	2.05E-09	7.45E-11	3.17E-11
345	3400	-250	7439921	Lead	0.00000156	4.87E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-11	4.18E-10	1.52E-11	6.48E-12
346	2577	-940	7439921	Lead	0.00000776	2.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	2.08E-09	7.57E-11	3.22E-11
347	2404	-475	7439921	Lead	0.00000673	2.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-10	1.80E-09	6.56E-11	2.80E-11
348	1577	291	7439921	Lead	0.0000109	3.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	2.92E-09	1.06E-10	4.53E-11
349	2400	240	7439921	Lead	0.00000286	8.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-11	7.66E-10	2.79E-11	1.19E-11
350	2600	1290	7439921	Lead	0.00000148	4.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-11	3.97E-10	1.44E-11	6.15E-12
351	900	935	7439921	Lead	0.0000112	3.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-10	3.00E-09	1.09E-10	4.65E-11
352	1375	1395	7439921	Lead	0.00000288	9.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-11	7.72E-10	2.81E-11	1.20E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000287	-1.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000163	-1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.0000162	1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.0000168	1.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000552	3.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000265	-1.76E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000172	-1.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000288	-1.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-08	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000231	1.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000236	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000268	1.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000354	2.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.000067	4.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000198	1.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.000143	9.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.49E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.00013	8.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000147	9.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000153	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000441	2.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000261	1.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000349	2.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000315	2.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000977	6.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.49E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000527	3.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000533	3.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000598	3.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000655	4.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000521	-3.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.00000578	3.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000305	-2.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	0.0000398	2.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000146	-9.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.69E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.0000169	1.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000295	-1.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-08	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000986	-6.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.55E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000338	2.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	4.62E-04	3.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000312	2.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000873	5.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00024	-1.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000201	1.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.00000147	9.76E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.00000174	1.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000307	2.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000308	2.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.0000046	3.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000442	2.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000424	2.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.00000507	3.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000197	1.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000239	1.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-09	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.00000169	1.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000271	-1.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000281	1.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000478	3.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000268	1.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000181	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000878	5.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000159	-1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-07	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000191	-1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-07	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000506	3.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000207	1.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000334	2.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000353	2.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00001	6.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.0000127	8.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.000018	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000209	1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00

Proposed Project RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk with Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.0007	4.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000715	4.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000671	4.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000137	9.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.00000662	-4.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.40E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000435	2.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000259	1.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000635	4.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.000027	1.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000416	2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000322	2.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000791	5.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.000014	9.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000773	5.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000724	4.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000136	9.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.000031	2.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000146	9.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.69E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000996	6.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000255	1.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0135	1.08E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0176	1.41E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.0428	3.43E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-05	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0489	3.92E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-05	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0126	1.01E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-05	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.00425	-3.41E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0413	-3.31E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-05	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0691	-5.55E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00421	3.38E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00264	-2.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0122	-9.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.79E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-1.17E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-05	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.077	-6.18E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.18E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0427	-3.43E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0313	-2.51E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0181	-1.45E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-05	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00999	-8.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.02E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00575	-4.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.013	1.04E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	-0.000179	-1.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-07	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00894	-7.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.17E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00814	-6.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0216	-1.73E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0122	-9.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.79E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00428	-3.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0296	2.38E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0987	7.92E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0725	-5.82E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.82E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.123	-9.87E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.87E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.121	-9.71E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.71E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0258	-2.07E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0108	8.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.67E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0631	5.06E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0736	-5.91E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.042	-3.37E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.37E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.00107	-8.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.59E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0122	9.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.79E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.0075	-6.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.058	4.65E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0893	-7.17E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.17E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000746	-5.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.99E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000533	-4.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.00079	-6.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.34E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00069	-5.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00154	-1.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.0018	-1.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00133	-1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.000999	-8.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.02E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00708	5.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000954	-7.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0011	-8.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.83E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00121	-9.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.71E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.068	-5.46E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.0000874	-7.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.01E-08	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00501	-4.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000837	6.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0116	-9.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.31E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.000438	-3.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-07	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0521	-4.18E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.103	-8.27E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.27E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0109	-8.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.75E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00852	-6.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.84E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00279	-2.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00323	-2.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.59E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000971	-7.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.79E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00703	-5.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.64E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00167	-1.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-06	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.0046	-3.69E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.015	-1.20E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-05	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0182	-1.46E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-05	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-1.14E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-05	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00218	-1.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0255	-2.05E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.000142	-1.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00648	-5.20E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.20E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00452	-3.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00285	-2.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00368	-2.95E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00291	-2.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00387	-3.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.11E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00164	-1.32E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-06	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00401	-3.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00438	-3.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00401	-3.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00197	-1.58E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-06	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000658	-5.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00835	-6.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.70E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00264	-2.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00126	5.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00121	5.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00168	7.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00191	8.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00164	7.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00514	2.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00634	2.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00406	1.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00569	2.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00374	1.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00228	9.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00177	7.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000269	-1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000646	2.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	4.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00122	5.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00151	6.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00338	1.48E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00565	2.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00969	4.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	9.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.02E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00687	3.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00702	3.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00687	3.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00646	2.83E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00649	2.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.0035	1.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00255	1.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000727	3.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000614	2.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00197	8.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.62E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.0017	7.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00436	1.91E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00517	2.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000402	1.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00155	6.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0163	7.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00531	2.32E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000504	2.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000125	5.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000781	3.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000116	5.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000249	1.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000275	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000396	1.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000572	2.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000686	3.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.00086	3.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000169	7.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000199	8.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000465	2.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00427	1.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000856	3.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	3.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000857	3.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000245	1.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00111	4.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00169	7.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00382	1.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00291	1.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	6.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	6.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	1.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000428	1.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00693	3.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00161	7.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00394	1.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000604	-2.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	4.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00391	1.71E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	2.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00375	1.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	9.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.06E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	5.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	7.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	6.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	1.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	2.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.0014	6.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00108	4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000489	2.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	1.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	4.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000833	3.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00224	1.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00245	1.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00419	3.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00479	3.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00399	2.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0126	9.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0153	1.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00919	6.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00894	6.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00516	3.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00377	2.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.0013	9.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00252	-1.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-08	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000531	-3.87E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00141	1.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00185	1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00268	1.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00671	4.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	9.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0222	1.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0498	3.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0109	7.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0123	8.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.97E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0113	8.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00997	7.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0115	8.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.34E-03	2.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	4.26E-04	3.11E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-5.11E-03	-3.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.12E-03	-1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-08	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.76E-03	2.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	4.16E-03	3.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.00E-02	7.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.30E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	8.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00186	-1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-08	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.76E-03	1.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.87E-02	2.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.53E-03	6.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00439	-3.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.73E-04	1.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000168	1.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000247	1.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000561	4.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000604	4.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.00084	6.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.0013	9.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00161	1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00205	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000379	2.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000449	3.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.08E-03	7.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00983	7.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.82E-04	7.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	1.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000945	6.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.89E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00127	-9.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000981	-7.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.16E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000776	-5.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00738	5.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00591	4.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	2.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	2.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000651	4.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00239	1.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000951	6.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	1.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000545	3.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00595	4.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00484	-3.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00175	1.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00812	5.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	7.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00836	6.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00474	3.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	2.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	2.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	2.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00563	4.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	7.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00577	4.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00312	2.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00197	1.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	7.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000959	7.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00189	1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0111	-8.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.10E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00669	-4.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.88E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.000768	5.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.00132	9.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.63E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000616	-4.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.49E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000635	4.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00299	-2.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-07	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00996	-7.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.27E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00124	-9.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00305	-2.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-07	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00547	-3.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00749	-5.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0173	-1.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0314	-2.29E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.021	-1.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0153	-1.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0146	-1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-06	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.013	-9.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0203	-1.48E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0146	-1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-06	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.021	-1.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00894	-6.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.52E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0762	-5.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.56E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0634	-4.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.63E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0714	-5.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.21E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0753	-5.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0563	-4.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0672	-4.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0746	-5.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.44E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0881	-6.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.43E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0464	-3.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0266	-1.94E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.000313	-2.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-8.80E-03	-6.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.42E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.85E-03	-5.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.64E-02	-2.66E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.63E-02	-1.92E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.54E-02	-1.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.77E-02	-4.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.21E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-5.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.25E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.29E-04	-3.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.09E-04	-2.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.66E-04	-3.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-6.61E-04	-4.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.82E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-8.98E-04	-6.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.55E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.67E-03	-1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-07	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.37E-03	-9.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.99E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-9.96E-04	-7.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.27E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-7.98E-04	-5.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.82E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.44E-04	-3.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.90E-04	-3.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.57E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-7.68E-04	-5.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.60E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-8.19E-03	-5.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-7.88E-04	-5.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.75E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.93E-03	-1.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-07	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.90E-02	-1.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-06	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.48E-02	-1.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.39E-02	-1.74E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.75E-02	-3.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.29E-02	-4.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.59E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.55E-02	-1.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.59E-02	-1.16E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-06	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.46E-03	-1.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.70E-03	-1.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-07	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-6.95E-04	-5.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.07E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.16E-03	-2.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.26E-03	-9.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.18E-02	-8.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.61E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.35E-02	-3.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.76E-02	-3.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.29E-02	-3.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.04E-02	-7.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.59E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-1.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-06	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.38E-02	-1.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-06	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.07E-02	-7.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.32E-03	-3.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.98E-03	-1.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-07	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.67E-03	-1.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.84E-03	-1.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.33E-03	-2.43E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.01E-03	-7.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.37E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.04E-03	-2.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.93E-03	-2.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.79E-03	-6.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.41E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.13E-03	-1.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.65E-04	-6.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.31E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.33E-03	-5.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.35E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.89E-03	-1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.57E-03	-2.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.24E-03	-1.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-9.92E-05	-6.30E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.30E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	2.08E-05	1.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.06E-04	-3.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.21E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-9.86E-04	-6.26E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-2.14E-03	-1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-08	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.78E-03	-2.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.49E-03	-9.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.65E-03	-1.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.09E-03	-1.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.59E-03	-1.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00541	-3.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00941	-5.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00641	-4.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.0048	-3.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00461	-2.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00419	-2.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00675	-4.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00548	-3.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.48E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00818	-5.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.19E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00671	-4.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0242	-1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0204	-1.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0228	-1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0238	-1.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0181	-1.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-07	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0229	-1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0265	-1.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.014	-8.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.89E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00836	-5.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.31E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000427	-2.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00349	-2.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-08	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00307	-1.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.011	-6.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00819	-5.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.20E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.0078	-4.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0183	-1.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000153	-9.71E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.71E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.000108	-6.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000162	-1.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-09	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000247	-1.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-09	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000323	-2.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000579	-3.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000524	-3.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000433	-2.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-09	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000408	-2.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.59E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000166	-1.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000186	-1.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-09	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000321	-2.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-3.29E-03	-2.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-08	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.20E-04	-2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.47E-04	-4.74E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.74E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.27E-03	-4.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00461	-2.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00722	-4.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.58E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0145	-9.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.20E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0192	-1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-07	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00839	-5.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.33E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.34E-03	-3.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.28E-04	-4.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000808	-5.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000264	-1.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00116	-7.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.36E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.00046	-2.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00489	-3.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0134	-8.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.51E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0151	-9.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.58E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-8.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00332	-2.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00639	-4.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.06E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00507	-3.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00395	-2.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.0017	-1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000831	-5.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.27E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00114	-7.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000834	-5.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.29E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.47E-03	-9.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.93E-04	-2.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00139	-8.82E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.82E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00145	-9.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.20E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00285	-1.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.34E-04	-4.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.41E-04	-2.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.39E-03	-1.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000731	-4.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00796	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00802	1.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0122	1.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0139	2.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0118	1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.037	5.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0453	6.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0282	4.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0408	6.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	4.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0158	2.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.006	9.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00344	-5.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.27E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00248	3.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00606	9.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.28E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00725	1.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00948	1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.22E-02	3.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0391	5.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0676	1.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	2.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.15E-02	6.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0439	6.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.73E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.20E-02	6.43E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.87E-02	5.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0409	6.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0183	2.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0106	1.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00388	-5.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.94E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000382	-5.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.85E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0114	1.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0122	1.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0305	4.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0365	5.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000873	-1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-08	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00846	1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	1.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0323	4.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00381	-5.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.84E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000853	1.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.00053	8.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000783	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.73E-03	2.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00188	2.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00267	4.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00398	6.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00483	7.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00611	9.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.17E-03	1.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00138	2.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00326	4.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0299	4.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00298	4.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00596	9.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.13E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	8.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00464	7.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000712	-1.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.0031	4.7494E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7494E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00565	8.6562E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6562E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0248	3.7995E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7995E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0193	2.9569E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9569E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	1.624E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.624E-07	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	1.6546E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6546E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	3.0488E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0488E-08	0	0	0

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00741	1.1353E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1353E-07	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00295	4.5196E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5196E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	7.4459E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4459E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00708	1.0847E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0847E-07	0	0	0
950	1650	-890	50000	Formaldehyde	0.0234	3.585E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.585E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00878	-1.3452E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3452E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00644	9.8665E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8665E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	4.014E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.014E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	5.0099E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0099E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0259	3.9681E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9681E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	2.2062E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2062E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00855	1.3099E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3099E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	1.8691E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8691E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	1.5627E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5627E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	2.5892E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5892E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	4.9179E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9179E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	2.6505E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6505E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00964	1.4769E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4769E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00687	1.0525E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0525E-07	0	0	0
965	2400	240	50000	Formaldehyde	0.0033	5.0558E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0558E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00292	4.4736E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4736E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00646	9.8972E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8972E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	8.886E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.886E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000576	-5.0427E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0427E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000241	-2.1099E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1099E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000467	4.0884E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0884E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000566	4.9552E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9552E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000347	3.0379E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0379E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00125	1.0943E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0943E-07	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00129	1.1294E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1294E-07	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000187	1.6371E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6371E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00127	1.1118E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1118E-07	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000659	5.7693E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7693E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000114	9.9804E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9804E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000168	-1.4708E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4708E-08	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00112	-9.8053E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.8053E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00251	-2.1974E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1974E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00151	-1.322E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.322E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000963	-8.4308E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.4308E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000868	-7.5991E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5991E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000673	-5.8919E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8919E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000803	-7.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.03E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000201	1.7597E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7597E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00067	5.8656E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8656E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00425	3.7207E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7207E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00442	-3.8696E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8696E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00336	-2.9416E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9416E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00403	-3.5281E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5281E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00444	-3.8871E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8871E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00292	-2.5564E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5564E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00451	-3.9484E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9484E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00533	-4.6663E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6663E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00684	-5.9882E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9882E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00355	-3.1079E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1079E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00164	-1.4358E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4358E-07	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000386	3.3793E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3793E-08	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000352	3.0817E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0817E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000701	6.137E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.137E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00281	-2.4601E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4601E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00172	-1.5058E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5058E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00269	2.355E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.355E-07	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00331	-2.8978E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8978E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-4.9114E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9114E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.0000041	-3.5894E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5894E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000576	-5.0427E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0427E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000923	-8.0806E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.0806E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000754	6.601E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.601E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000524	-4.5875E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5875E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000379	-3.318E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.318E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000287	2.5126E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5126E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000862	7.5465E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5465E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000144	1.2607E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2607E-08	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000533	4.6663E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6663E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000892	7.8092E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8092E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000509	4.4561E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4561E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000377	3.3005E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3005E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000398	3.4844E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4844E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000525	4.5962E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5962E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000408	3.5719E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5719E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000973	-8.5183E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5183E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00185	-1.6196E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6196E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00351	-3.0729E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0729E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00461	-4.0359E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0359E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00111	-9.7177E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.7177E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000565	-4.9464E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9464E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000244	2.1361E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1361E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000234	2.0486E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0486E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000014	1.2257E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2257E-09	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000749	6.5573E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5573E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000316	2.7665E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7665E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000733	6.4172E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4172E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00308	-2.6964E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6964E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00284	-2.4863E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4863E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-3.1254E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1254E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.000575	-5.0339E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0339E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000553	-4.8413E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8413E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000454	3.9746E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9746E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000489	4.281E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.281E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000155	1.357E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.357E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000136	1.1906E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1906E-08	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000205	1.7947E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7947E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000203	1.7772E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7772E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000314	2.749E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.749E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000309	2.7052E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7052E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000348	3.0466E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0466E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000241	2.1099E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1099E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000439	-3.8433E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8433E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000515	-4.5087E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5087E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.000032	2.8015E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8015E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000342	-2.9941E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9941E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000502	4.3949E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3949E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00977	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.0138	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0149	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00489	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.000379	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0111	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0175	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0128	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0115	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.011	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 12:42:35 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-PP\RAST Outputs\PP_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0139	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.0177	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0779	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.055	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0512	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0601	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0645	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.196	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.114	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.15	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.136	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.422	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.226	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.229	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.263	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.303	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.232	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	0.00306	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.131	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	0.019	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0603	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.0175	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0201	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00562	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.157	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.206	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.135	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.0499	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0962	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000899	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000637	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000776	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00136	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00138	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00222	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00217	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00197	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000842	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.001	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000808	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0184	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.00143	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00182	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.08	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0382	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0628	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0777	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.221	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.09	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0144	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.015	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00403	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00485	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00734	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0919	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.304	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.31	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.293	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0577	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0007	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0243	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.113	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.028	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0184	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0142	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0346	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00567	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0334	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0311	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0583	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.0127	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00632	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0249	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0101	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	7.29E-07	2.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-09	2.00E-08	3.93E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	7.32E-07	2.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	2.01E-08	3.95E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	6.96E-07	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	1.91E-08	3.76E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	5.39E-07	1.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	1.48E-08	2.91E-10	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	4.16E-07	1.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	1.14E-08	2.24E-10	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	4.89E-07	1.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-09	1.34E-08	2.64E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	6.02E-07	1.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	1.65E-08	3.25E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	2.10E-06	6.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-09	5.77E-08	1.13E-09	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.20E-06	1.31E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	1.15E-07	2.27E-09	0.00E+00
10	-75.04	299.11	7440382	Arsenic	3.03E-06	9.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.61E-09	8.33E-08	1.63E-09	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.97E-06	6.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-09	5.41E-08	1.06E-09	0.00E+00
12	144.22	648.15	7440382	Arsenic	1.64E-06	5.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	4.51E-08	8.85E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	1.62E-06	5.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-09	4.45E-08	8.74E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.69E-06	5.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-09	4.64E-08	9.12E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.48E-06	4.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-09	4.07E-08	7.99E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.35E-06	4.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-09	3.71E-08	7.28E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.29E-06	4.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-09	3.54E-08	6.96E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.23E-06	3.84E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	3.38E-08	6.64E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	1.66E-06	5.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-09	4.56E-08	8.96E-10	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.19E-06	3.71E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-09	3.27E-08	6.42E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.47E-06	4.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-09	4.04E-08	7.93E-10	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.12E-06	6.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-09	5.83E-08	1.14E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	6.27E-06	1.96E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-08	1.72E-07	3.38E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	8.67E-06	2.70E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	2.38E-07	4.68E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	1.25E-05	3.90E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-08	3.43E-07	6.74E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	1.71E-05	5.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-08	4.70E-07	9.23E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.31E-05	7.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-08	6.35E-07	1.25E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	1.97E-05	6.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-08	5.41E-07	1.06E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	2.26E-05	7.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-08	6.21E-07	1.22E-08	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	2.14E-05	6.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.79E-08	5.88E-07	1.15E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	1.24E-06	3.87E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-09	3.41E-08	6.69E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	7.09E-07	2.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	1.95E-08	3.83E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	8.63E-07	2.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	2.37E-08	4.66E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	1.03E-06	3.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	2.83E-08	5.56E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	3.53E-06	1.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	9.70E-08	1.90E-09	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.50E-06	4.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-09	4.12E-08	8.09E-10	0.00E+00
37	1183.39	65.17	7440382	Arsenic	1.77E-06	5.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-09	4.86E-08	9.55E-10	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	3.03E-06	9.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.61E-09	8.33E-08	1.63E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	2.29E-05	7.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-08	6.29E-07	1.24E-08	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	4.64E-06	1.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	1.27E-07	2.50E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.34E-07	4.18E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.25E-10	3.68E-09	7.23E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	9.84E-08	3.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-10	2.70E-09	5.31E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.64E-07	5.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-10	4.51E-09	8.85E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.79E-07	5.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-10	4.92E-09	9.66E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	3.55E-07	1.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	9.75E-09	1.92E-10	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	4.63E-07	1.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	1.27E-08	2.50E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	5.36E-07	1.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	1.47E-08	2.89E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	4.07E-07	1.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	1.12E-08	2.20E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	3.38E-07	1.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	9.29E-09	1.82E-10	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	2.15E-07	6.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-10	5.91E-09	1.16E-10	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.20E-07	6.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-10	6.04E-09	1.19E-10	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.59E-07	4.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-10	4.37E-09	8.58E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	9.84E-07	3.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-09	2.70E-08	5.31E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	2.03E-07	6.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.44E-10	5.58E-09	1.10E-10	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.26E-07	1.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	1.17E-08	2.30E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	6.78E-06	2.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	1.86E-07	3.66E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.32E-06	4.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-09	3.63E-08	7.12E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	8.99E-07	2.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-09	2.47E-08	4.85E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	1.28E-06	3.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-09	3.52E-08	6.91E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	1.54E-05	4.80E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-08	4.23E-07	8.31E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.72E-06	8.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	7.47E-08	1.47E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.74E-06	5.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-09	4.78E-08	9.39E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	4.27E-07	1.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	1.17E-08	2.30E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	3.60E-07	1.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	9.89E-09	1.94E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	1.43E-07	4.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-10	3.93E-09	7.72E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.49E-07	2.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-09	1.78E-08	3.50E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.98E-07	6.18E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-10	5.44E-09	1.07E-10	0.00E+00
68	1088	-938	7440382	Arsenic	3.02E-06	9.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-09	8.30E-08	1.63E-09	0.00E+00
69	1647	-390	7440382	Arsenic	2.26E-06	7.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-09	6.21E-08	1.22E-09	0.00E+00
70	1650	-890	7440382	Arsenic	2.99E-06	9.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-09	8.22E-08	1.61E-09	0.00E+00
71	1430	215	7440382	Arsenic	2.06E-06	6.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-09	5.66E-08	1.11E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.72E-07	3.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-09	2.67E-08	5.24E-10	0.00E+00
73	-333	-788	7440382	Arsenic	8.43E-06	2.63E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	2.32E-07	4.55E-09	0.00E+00
74	-42	-825	7440382	Arsenic	8.44E-06	2.63E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	2.32E-07	4.55E-09	0.00E+00
75	1900	-1175	7440382	Arsenic	1.79E-06	5.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-09	4.92E-08	9.66E-10	0.00E+00
76	1815	-1910	7440382	Arsenic	9.57E-07	2.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-09	2.63E-08	5.16E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	5.08E-07	1.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-09	1.40E-08	2.74E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	6.85E-07	2.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	1.88E-08	3.70E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	5.48E-07	1.71E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	1.51E-08	2.96E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	8.59E-07	2.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-09	2.36E-08	4.63E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.78E-07	5.55E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-10	4.89E-09	9.60E-11	0.00E+00
82	2577	-940	7440382	Arsenic	6.33E-07	1.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	1.74E-08	3.42E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.64E-07	1.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	1.27E-08	2.50E-10	0.00E+00
84	1577	291	7440382	Arsenic	7.06E-07	2.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	1.94E-08	3.81E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.76E-07	8.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-10	7.58E-09	1.49E-10	0.00E+00
86	2600	1290	7440382	Arsenic	2.02E-07	6.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-10	5.55E-09	1.09E-10	0.00E+00
87	900	935	7440382	Arsenic	1.11E-06	3.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-09	3.05E-08	5.99E-10	0.00E+00
88	1375	1395	7440382	Arsenic	4.80E-07	1.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	1.32E-08	2.59E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.45E-06	5.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.37E-06	5.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	1.14E-06	4.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-09	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	8.90E-07	3.53E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	6.90E-07	2.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	8.35E-07	3.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	1.05E-06	4.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	3.55E-06	1.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	6.79E-06	2.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.85E-06	1.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	3.11E-06	1.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.53E-06	1.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	2.27E-06	9.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.00E-09	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.90E-06	7.53E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.53E-09	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.78E-06	7.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.63E-06	6.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.46E-09	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.49E-06	5.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.38E-06	5.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-09	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	9.13E-07	3.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-09	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	9.45E-07	3.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-09	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	1.14E-06	4.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-09	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	2.34E-06	9.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.28E-09	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	6.86E-06	2.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	1.26E-05	5.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.88E-05	7.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-08	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	2.62E-05	1.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	3.56E-05	1.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	3.48E-05	1.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.72E-05	1.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.70E-05	1.47E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	2.30E-06	9.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-09	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	2.08E-06	8.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-09	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.46E-06	5.79E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-09	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	1.78E-06	7.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-09	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	5.81E-06	2.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	1.16E-06	4.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-09	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	1.01E-06	4.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	3.86E-06	1.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	3.76E-05	1.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	9.32E-06	3.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-08	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.12E-07	8.41E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.41E-10	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.55E-07	6.15E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-10	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.62E-07	1.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	2.82E-07	1.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	5.70E-07	2.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	7.47E-07	2.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-09	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	8.63E-07	3.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-09	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	6.52E-07	2.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	5.52E-07	2.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.44E-07	1.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.50E-07	1.39E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	2.57E-07	1.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	1.69E-06	6.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-09	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	3.27E-07	1.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	6.82E-07	2.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	1.01E-05	4.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-08	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	1.32E-06	5.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-09	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	1.31E-06	5.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-09	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	3.27E-06	1.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.64E-05	1.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	2.38E-06	9.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-09	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	2.05E-06	8.13E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.13E-09	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	5.62E-07	2.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-09	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.42E-07	1.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.89E-07	7.49E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-10	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	1.01E-06	4.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.44E-07	9.68E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-10	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	4.17E-06	1.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	8.14E-07	3.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-09	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	2.07E-06	8.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.21E-09	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	7.11E-07	2.82E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-09	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	9.99E-07	3.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.96E-09	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.39E-05	5.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.37E-05	5.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.85E-06	7.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-09	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.32E-06	5.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-09	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	7.28E-07	2.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-09	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	9.60E-07	3.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-09	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	7.70E-07	3.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-09	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	1.08E-06	4.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.29E-07	9.08E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-10	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	7.07E-07	2.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	4.52E-07	1.79E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	5.98E-07	2.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-09	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.15E-07	1.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.71E-07	1.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	1.15E-06	4.56E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	6.68E-07	2.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-8.29E-07	-1.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	-7.59E-09	-4.97E-11	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-3.84E-07	-5.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-08	-3.52E-09	-2.30E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	4.46E-07	6.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-08	4.08E-09	2.67E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	3.43E-07	4.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-08	3.14E-09	2.06E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	2.60E-07	3.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	2.38E-09	1.56E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	2.87E-07	4.13E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-08	2.63E-09	1.72E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	3.77E-07	5.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-08	3.45E-09	2.26E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	8.26E-07	1.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	7.57E-09	4.95E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	3.06E-06	4.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-07	2.80E-08	1.83E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.30E-06	3.31E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-07	2.11E-08	1.38E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.69E-06	2.43E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	1.55E-08	1.01E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.64E-06	2.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	1.50E-08	9.83E-11	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	2.28E-06	3.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-07	2.09E-08	1.37E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	4.75E-06	6.84E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-07	4.35E-08	2.85E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	3.60E-06	5.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-07	3.30E-08	2.16E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	3.39E-06	4.88E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-07	3.10E-08	2.03E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	3.70E-06	5.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-07	3.39E-08	2.22E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	3.87E-06	5.57E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-07	3.54E-08	2.32E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	1.02E-05	1.47E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-06	9.34E-08	6.12E-10	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	5.89E-06	8.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.94E-07	5.39E-08	3.53E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	7.19E-06	1.04E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.69E-07	6.59E-08	4.31E-10	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	7.11E-06	1.02E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.59E-07	6.51E-08	4.26E-10	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	2.00E-05	2.88E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-06	1.83E-07	1.20E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.24E-05	1.79E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-06	1.14E-07	7.43E-10	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.42E-05	2.05E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	1.30E-07	8.51E-10	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	1.79E-05	2.58E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-06	1.64E-07	1.07E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.37E-05	3.41E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-06	2.17E-07	1.42E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.21E-06	-4.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.33E-07	-2.94E-08	-1.92E-10	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	1.03E-05	1.48E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	9.43E-08	6.18E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	1.12E-06	1.61E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	1.03E-08	6.71E-11	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-5.95E-07	-8.57E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.02E-08	-5.45E-09	-3.57E-11	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-3.98E-06	-5.73E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.37E-07	-3.65E-08	-2.39E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	3.59E-07	5.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-08	3.29E-09	2.15E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	4.61E-07	6.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-08	4.22E-09	2.76E-11	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	1.91E-06	2.75E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-07	1.75E-08	1.15E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	7.79E-06	1.12E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	7.13E-08	4.67E-10	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	1.08E-05	1.56E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-06	9.89E-08	6.47E-10	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	7.37E-06	1.06E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.94E-07	6.75E-08	4.42E-10	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	1.18E-05	1.70E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	1.08E-07	7.07E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-5.50E-06	-7.92E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.41E-07	-5.04E-08	-3.30E-10	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.14E-07	1.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	1.04E-09	6.83E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	8.52E-08	1.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	7.80E-10	5.11E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.26E-07	1.81E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	1.15E-09	7.55E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.58E-07	2.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	1.45E-09	9.47E-12	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.59E-07	3.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-08	2.37E-09	1.55E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	3.26E-07	4.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-08	2.99E-09	1.95E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.79E-07	5.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-08	3.47E-09	2.27E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	3.13E-07	4.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-08	2.87E-09	1.88E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	2.34E-07	3.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	2.14E-09	1.40E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.63E-07	2.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	1.49E-09	9.77E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.75E-07	2.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	1.60E-09	1.05E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.20E-07	1.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	1.10E-09	7.19E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	4.45E-07	6.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	4.08E-09	2.67E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.59E-07	2.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	1.46E-09	9.53E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	3.39E-07	4.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	3.10E-09	2.03E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	8.66E-06	1.25E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	7.93E-08	5.19E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	4.86E-06	7.00E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-07	4.45E-08	2.91E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.16E-06	1.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	1.06E-08	6.95E-11	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-4.61E-06	-6.64E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.22E-07	-4.22E-08	-2.76E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	1.97E-06	2.84E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	1.80E-08	1.18E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	1.18E-05	1.70E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	1.08E-07	7.07E-10	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	4.97E-06	7.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-07	4.55E-08	2.98E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	9.71E-07	1.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	8.89E-09	5.82E-11	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	9.78E-07	1.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	8.96E-09	5.86E-11	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	3.00E-07	4.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-08	2.75E-09	1.80E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	6.36E-07	9.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-08	5.83E-09	3.81E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	5.00E-07	7.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-08	4.58E-09	3.00E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	5.69E-06	8.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-07	5.21E-08	3.41E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	1.51E-05	2.17E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-06	1.38E-07	9.05E-10	0.00E+00
246	1650	-890	18540299	Cr(VI)	1.52E-05	2.19E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-06	1.39E-07	9.11E-10	0.00E+00
247	1430	215	18540299	Cr(VI)	1.40E-05	2.02E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-06	1.28E-07	8.39E-10	0.00E+00
248	1142	615	18540299	Cr(VI)	3.40E-06	4.90E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-07	3.11E-08	2.04E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	4.15E-06	5.98E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-07	3.80E-08	2.49E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	5.30E-06	7.63E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-07	4.85E-08	3.18E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	6.42E-06	9.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-07	5.88E-08	3.85E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	1.83E-06	2.64E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-07	1.68E-08	1.10E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	8.48E-07	1.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	7.77E-09	5.08E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.25E-06	1.80E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	1.14E-08	7.49E-11	0.00E+00
255	3480	-2025	18540299	Cr(VI)	9.90E-07	1.43E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	9.07E-09	5.94E-11	0.00E+00
256	2667	-1400	18540299	Cr(VI)	2.16E-06	3.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-07	1.98E-08	1.30E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	4.04E-07	5.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-08	3.70E-09	2.42E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	2.05E-06	2.95E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-07	1.88E-08	1.23E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	1.81E-06	2.61E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-07	1.66E-08	1.09E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	3.11E-06	4.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-07	2.85E-08	1.86E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	8.05E-07	1.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	7.37E-09	4.83E-11	0.00E+00
262	2600	1290	18540299	Cr(VI)	4.22E-07	6.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-08	3.87E-09	2.53E-11	0.00E+00
263	900	935	18540299	Cr(VI)	3.16E-06	4.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-07	2.89E-08	1.89E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	8.42E-07	1.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	7.71E-09	5.05E-11	0.00E+00
265	-1710.89	-383.91	7439921	Lead	2.52E-05	4.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-10	3.92E-09	3.85E-11	1.05E-10
266	-1778.03	-291.29	7439921	Lead	2.41E-05	4.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-10	3.75E-09	3.68E-11	1.00E-10
267	-1732.28	175.05	7439921	Lead	2.09E-05	3.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	3.25E-09	3.20E-11	8.68E-11
268	-1579.43	347.93	7439921	Lead	1.65E-05	2.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-10	2.57E-09	2.52E-11	6.85E-11
269	-1525.43	516.64	7439921	Lead	1.27E-05	2.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-10	1.98E-09	1.94E-11	5.28E-11
270	-1332.88	500.04	7439921	Lead	1.56E-05	2.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	2.43E-09	2.38E-11	6.48E-11
271	-1140.45	476.3	7439921	Lead	2.02E-05	3.48E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-10	3.15E-09	3.09E-11	8.39E-11
272	-672.12	353.55	7439921	Lead	6.46E-05	1.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-10	1.01E-08	9.88E-11	2.68E-10
273	-169.37	170.38	7439921	Lead	1.25E-04	2.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	1.95E-08	1.91E-10	5.19E-10
274	-75.04	299.11	7439921	Lead	8.90E-05	1.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.88E-10	1.39E-08	1.36E-10	3.70E-10
275	49.15	527.2	7439921	Lead	5.73E-05	9.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-10	8.92E-09	8.76E-11	2.38E-10
276	144.22	648.15	7439921	Lead	4.70E-05	8.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-10	7.32E-09	7.19E-11	1.95E-10
277	394.15	623.31	7439921	Lead	4.35E-05	7.50E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-10	6.77E-09	6.65E-11	1.81E-10
278	501.62	717.12	7439921	Lead	3.93E-05	6.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-10	6.12E-09	6.01E-11	1.63E-10
279	618.47	665.12	7439921	Lead	3.60E-05	6.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-10	5.61E-09	5.50E-11	1.50E-10
280	755.45	579.13	7439921	Lead	3.31E-05	5.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-10	5.15E-09	5.06E-11	1.37E-10
281	867.79	485.41	7439921	Lead	3.10E-05	5.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-10	4.83E-09	4.74E-11	1.29E-10
282	955.03	377.6	7439921	Lead	0.0000292	5.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	4.55E-09	4.46E-11	1.21E-10
283	1331.68	-165.58	7439921	Lead	0.0000272	4.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	4.24E-09	4.16E-11	1.13E-10
284	1406.74	-290.13	7439921	Lead	0.0000242	4.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-10	3.77E-09	3.70E-11	1.01E-10
285	1456.2	-436.06	7439921	Lead	0.0000299	5.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-10	4.66E-09	4.57E-11	1.24E-10
286	1209.21	-528.32	7439921	Lead	0.0000532	9.18E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-10	8.28E-09	8.13E-11	2.21E-10
287	913.01	-694.67	7439921	Lead	0.000144	2.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-09	2.24E-08	2.20E-10	5.98E-10
288	717.24	-664.22	7439921	Lead	0.000237	4.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-09	3.69E-08	3.62E-10	9.84E-10
289	544.23	-594.35	7439921	Lead	0.000349	6.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-09	5.43E-08	5.34E-10	1.45E-09
290	338.12	-539.73	7439921	Lead	0.000482	8.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.35E-09	7.50E-08	7.37E-10	2.00E-09
291	123.44	-529.45	7439921	Lead	0.000652	1.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-09	1.02E-07	9.97E-10	2.71E-09
292	-353.26	-515.05	7439921	Lead	0.000612	1.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.79E-09	9.53E-08	9.36E-10	2.54E-09
293	-537.68	-487.8	7439921	Lead	0.000668	1.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-09	1.04E-07	1.02E-09	2.77E-09
294	-775.51	-486.07	7439921	Lead	0.000654	1.13E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-09	1.02E-07	1.00E-09	2.72E-09
295	-1414.44	-481.5	7439921	Lead	0.0000408	7.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-10	6.35E-09	6.24E-11	1.69E-10
296	-1515.21	-320.18	7439921	Lead	3.34E-05	5.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-10	5.20E-09	5.11E-11	1.39E-10
297	-1749.69	-63.9	7439921	Lead	2.64E-05	4.55E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-10	4.11E-09	4.04E-11	1.10E-10
298	-920.57	426.17	7439921	Lead	3.30E-05	5.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-10	5.14E-09	5.04E-11	1.37E-10
299	-420.73	233.87	7439921	Lead	1.06E-04	1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	1.65E-08	1.62E-10	4.40E-10
300	1090.12	214.1	7439921	Lead	2.88E-05	4.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-10	4.48E-09	4.40E-11	1.20E-10
301	1183.39	65.17	7439921	Lead	2.93E-05	5.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-10	4.56E-09	4.48E-11	1.22E-10
302	1055.3	-577.42	7439921	Lead	7.99E-05	1.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-10	1.24E-08	1.22E-10	3.32E-10
303	-103.02	-518.78	7439921	Lead	6.76E-04	1.17E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-09	1.05E-07	1.03E-09	2.81E-09
304	-1076.39	-488.67	7439921	Lead	0.000159	2.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-09	2.48E-08	2.43E-10	6.60E-10
305	-4113.79	-1330.97	7439921	Lead	0.00000389	6.71E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-11	6.06E-10	5.95E-12	1.62E-11
306	-5050.04	-958.41	7439921	Lead	0.00000286	4.93E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-11	4.45E-10	4.37E-12	1.19E-11
307	-4023.97	-112.26	7439921	Lead	4.79E-06	8.26E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-11	7.46E-10	7.32E-12	1.99E-11
308	-2122.34	995.23	7439921	Lead	5.21E-06	8.99E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-11	8.11E-10	7.96E-12	2.16E-11
309	-2734.69	227.4	7439921	Lead	1.04E-05	1.79E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	1.62E-09	1.59E-11	4.32E-11
310	-2371.11	-69.21	7439921	Lead	1.36E-05	2.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-10	2.12E-09	2.08E-11	5.65E-11
311	-2146.26	177.17	7439921	Lead	1.58E-05	2.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	2.46E-09	2.42E-11	6.56E-11
312	-1919.02	445.07	7439921	Lead	1.20E-05	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-10	1.87E-09	1.83E-11	4.98E-11
313	-1651.12	607.72	7439921	Lead	1.02E-05	1.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	1.59E-09	1.56E-11	4.24E-11
314	-3361.39	677.09	7439921	Lead	6.28E-06	1.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-11	9.78E-10	9.60E-12	2.61E-11
315	-3026.51	724.93	7439921	Lead	6.41E-06	1.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-11	9.98E-10	9.80E-12	2.66E-11

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.77E-06	8.23E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-11	7.43E-10	7.29E-12	1.98E-11
317	-922.86	446.42	7439921	Lead	3.14E-05	5.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-10	4.89E-09	4.80E-11	1.30E-10
318	-1799.42	1088.51	7439921	Lead	6.02E-06	1.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-11	9.37E-10	9.20E-12	2.50E-11
319	-359.36	1846.44	7439921	Lead	1.26E-05	2.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	1.96E-09	1.93E-11	5.23E-11
320	671.3	-742.78	7439921	Lead	1.90E-04	3.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-09	2.96E-08	2.90E-10	7.89E-10
321	-1565.55	-932.22	7439921	Lead	2.86E-05	4.93E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-10	4.45E-09	4.37E-11	1.19E-10
322	-1733.02	-528.24	7439921	Lead	2.49E-05	4.29E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-10	3.88E-09	3.81E-11	1.03E-10
323	-1261.46	-507.67	7439921	Lead	5.36E-05	9.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-10	8.35E-09	8.19E-11	2.23E-10
324	-883.92	-503.26	7439921	Lead	0.000468	8.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	7.29E-08	7.15E-10	1.94E-09
325	1599.35	-1104.97	7439921	Lead	0.000055	9.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-10	8.56E-09	8.41E-11	2.28E-10
326	1608.16	-1382.63	7439921	Lead	4.22E-05	7.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-10	6.57E-09	6.45E-11	1.75E-10
327	3517.15	-1425.27	7439921	Lead	1.13E-05	1.95E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	1.76E-09	1.73E-11	4.69E-11
328	2959.77	-846.37	7439921	Lead	9.26E-06	1.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	1.44E-09	1.42E-11	3.85E-11
329	3479.67	224.81	7439921	Lead	0.00000374	6.45E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-11	5.82E-10	5.72E-12	1.55E-11
330	44.43	1469.76	7439921	Lead	0.0000188	3.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-10	2.93E-09	2.87E-11	7.81E-11
331	3044.83	-34	7439921	Lead	4.97E-06	8.57E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-11	7.74E-10	7.60E-12	2.06E-11
332	1088	-938	7439921	Lead	8.11E-05	1.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.00E-10	1.26E-08	1.24E-10	3.37E-10
333	1647	-390	7439921	Lead	3.11E-05	5.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-10	4.84E-09	4.75E-11	1.29E-10
334	1650	-890	7439921	Lead	5.38E-05	9.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-10	8.38E-09	8.22E-11	2.23E-10
335	1430	215	7439921	Lead	2.73E-05	4.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-10	4.25E-09	4.17E-11	1.13E-10
336	1142	615	7439921	Lead	0.0000217	3.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-10	3.38E-09	3.32E-11	9.01E-11
337	-333	-788	7439921	Lead	0.00025	4.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-09	3.89E-08	3.82E-10	1.04E-09
338	-42	-825	7439921	Lead	0.000248	4.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	3.86E-08	3.79E-10	1.03E-09
339	1900	-1175	7439921	Lead	0.00004	6.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-10	6.23E-09	6.12E-11	1.66E-10
340	1815	-1910	7439921	Lead	0.0000257	4.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-10	4.00E-09	3.93E-11	1.07E-10
341	2575	-2650	7439921	Lead	0.000014	2.41E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-10	2.18E-09	2.14E-11	5.82E-11
342	2665	-2025	7439921	Lead	0.0000186	3.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-10	2.90E-09	2.84E-11	7.73E-11
343	3480	-2025	7439921	Lead	0.000015	2.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-10	2.34E-09	2.29E-11	6.23E-11
344	2667	-1400	7439921	Lead	0.0000219	3.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-10	3.41E-09	3.35E-11	9.10E-11
345	3400	-250	7439921	Lead	0.00000462	7.97E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-11	7.19E-10	7.06E-12	1.92E-11
346	2577	-940	7439921	Lead	0.0000153	2.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-10	2.38E-09	2.34E-11	6.36E-11
347	2404	-475	7439921	Lead	0.0000103	1.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-10	1.60E-09	1.57E-11	4.28E-11
348	1577	291	7439921	Lead	0.0000142	2.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	2.21E-09	2.17E-11	5.90E-11
349	2400	240	7439921	Lead	0.00000659	1.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.32E-11	1.03E-09	1.01E-11	2.74E-11
350	2600	1290	7439921	Lead	0.00000535	9.23E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-11	8.33E-10	8.18E-12	2.22E-11
351	900	935	7439921	Lead	0.0000246	4.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-10	3.83E-09	3.76E-11	1.02E-10
352	1375	1395	7439921	Lead	0.000013	2.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	2.02E-09	1.99E-11	5.40E-11
353	-1710.89	-383.91	7440020	Nickel	-0.000016	-3.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.00000945	-2.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.00000264	6.35E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.00000184	4.43E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-10	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	0.00000142	3.42E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	0.00000113	2.72E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	0.000000796	1.91E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	0.000000279	6.71E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.71E-11	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000218	5.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000172	4.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000136	3.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000143	3.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000211	5.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.0000561	1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000414	9.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.96E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000395	9.50E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000445	1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000476	1.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000138	3.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.0000759	1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.0000901	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.0000819	1.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00025	6.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.00013	3.13E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000137	3.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000171	4.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000232	5.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000142	-3.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000405	9.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000085	-2.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000155	-3.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000061	-1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	0.000000843	2.03E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-10	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	0.000000389	9.36E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-11	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000833	2.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000105	2.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	1.46E-04	3.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.0000822	1.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000621	1.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.0000991	-2.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.000000944	2.27E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000704	1.69E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000963	2.32E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.0000013	3.13E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000191	4.59E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000232	5.58E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000269	6.47E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000224	5.39E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.0000015	3.61E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000124	2.98E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000138	3.32E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000828	1.99E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	0.000000424	1.02E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-10	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000117	2.81E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000253	6.09E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.0000889	2.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.0000627	1.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000109	2.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.0000712	-1.71E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.0000426	-1.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000153	3.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.0000611	1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000111	2.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000114	2.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000338	8.13E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.13E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000549	1.32E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.00000584	1.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.0000642	1.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000201	4.84E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000197	4.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000187	4.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000423	1.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000196	4.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000364	8.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.0000815	1.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000209	5.03E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.00000923	2.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.000014	3.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.000011	2.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000258	6.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000457	1.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.000025	6.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000227	5.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000399	9.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.00000968	2.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000481	1.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000349	8.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.00000904	2.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0164	4.77E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0149	4.33E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.012	3.49E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0107	3.11E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.00856	2.49E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0125	3.63E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.0174	5.06E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	0.0254	7.39E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.39E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0731	2.13E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0504	1.47E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.0287	8.35E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.0218	6.34E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.00469	-1.36E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	0.00498	1.45E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	0.00914	2.66E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	0.014	4.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.0171	4.97E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0193	5.61E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0384	1.12E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0245	7.12E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0195	5.67E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0322	9.36E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.067	1.95E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.126	3.66E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.188	5.47E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.278	8.08E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.404	1.17E-04	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-04	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.314	9.13E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.13E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.296	8.61E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.256	7.44E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0257	7.47E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0312	9.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0163	4.74E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0216	6.28E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.0455	1.32E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0268	7.79E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0409	1.19E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0464	1.35E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-05	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.409	1.19E-04	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0874	2.54E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.00193	5.61E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.00148	4.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.00252	7.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00289	8.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00504	1.47E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00711	2.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00787	2.29E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00649	1.89E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00626	1.82E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.00297	8.64E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00317	9.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00288	8.37E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0206	5.99E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00326	9.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00675	1.96E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.109	3.17E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.014	4.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.0121	3.52E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0368	1.07E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.19	5.52E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0242	7.04E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0221	6.43E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00674	1.96E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00603	1.75E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.00194	5.64E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00995	2.89E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.00248	7.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0473	1.38E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-05	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.0118	3.43E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.019	5.52E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	0.0058	1.69E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0133	3.87E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.135	3.93E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.144	4.19E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0197	5.73E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.0152	4.42E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00838	2.44E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.0108	3.14E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00822	2.39E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.0118	3.43E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.00237	6.89E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.89E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00937	2.72E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00608	1.77E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00697	2.03E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00322	9.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-07	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00316	9.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.0108	3.14E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00707	2.06E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.000538	8.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.53E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000506	8.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.000629	9.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.000693	1.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.000628	9.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.96E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00195	3.09E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00257	4.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00181	2.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00259	4.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00173	2.74E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00106	1.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.000836	1.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000556	8.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.000107	1.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000365	5.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000523	8.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.000578	9.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.17E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.000686	1.09E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00142	2.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00227	3.60E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00381	6.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.00805	1.28E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00303	4.81E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00343	5.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00373	5.92E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00403	6.39E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00461	7.31E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00154	2.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00118	1.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000494	7.84E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000296	4.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.000787	1.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.000566	8.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00183	2.90E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00205	3.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000202	3.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.000666	1.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.00627	9.94E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.94E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00228	3.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000382	6.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.0000499	7.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000314	4.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000465	7.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.0000974	1.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000109	1.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000157	2.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000223	3.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000264	4.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000317	5.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000067	1.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.0000787	1.25E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00018	2.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00178	2.82E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000163	2.59E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.00034	5.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00314	4.98E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000352	5.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.0000886	1.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000551	8.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.000855	1.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00149	2.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00114	1.81E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.000582	9.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.000597	9.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.47E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000113	1.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000429	6.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000167	2.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.0027	4.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.000633	1.00E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00152	2.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000232	-3.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000418	6.63E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00161	2.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00193	3.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00146	2.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.000813	1.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.000478	7.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.58E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00068	1.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.000568	9.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.000936	1.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.00018	2.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.000952	1.51E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.000546	8.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000422	6.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000192	3.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000164	2.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000401	6.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000329	5.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00343	9.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00336	8.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00341	9.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00326	8.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.62E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00274	7.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.00626	1.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.00821	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00951	2.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.019	5.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0132	3.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00819	2.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00651	1.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00515	1.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	0.00292	7.72E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.00371	9.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.81E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00404	1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00395	1.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00405	1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00486	1.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.00727	1.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0114	3.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0245	6.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0182	4.81E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.031	8.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.19E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0437	1.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0592	1.56E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0793	2.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	1.99E-03	5.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	9.21E-04	2.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-1.15E-03	-3.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-5.68E-04	-1.50E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.21E-03	3.20E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	1.30E-03	3.44E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	4.42E-03	1.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	4.92E-03	1.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.000536	-1.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	9.36E-04	2.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	1.50E-02	3.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	4.15E-03	1.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.000971	-2.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.57E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	1.13E-04	2.99E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.00007	1.85E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000103	2.72E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000223	5.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.89E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000248	6.56E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000345	9.12E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.000516	1.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.000625	1.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.000749	1.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000155	4.10E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000183	4.84E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	4.25E-04	1.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00431	1.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	3.80E-04	1.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.000792	2.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.00723	1.91E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000459	1.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00049	-1.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.0000968	2.56E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.000476	1.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00292	7.72E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00237	6.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.0014	3.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00143	3.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000259	6.85E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.85E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.000981	2.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000378	9.99E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.99E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.00635	1.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.00027	7.14E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00233	6.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00186	-4.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.000738	1.95E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00351	9.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.28E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00445	1.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00329	8.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00189	5.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00113	2.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00161	4.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00135	3.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00222	5.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000417	1.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00226	5.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00124	3.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.000784	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000412	1.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000381	1.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.000784	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.000762	2.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00344	-9.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.09E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00198	-5.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	0.0000867	2.29E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-09	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	0.0000675	1.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	0.0000266	7.03E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-10	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.000918	2.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00106	2.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.000503	-1.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00421	1.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	0.0022	5.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	0.0000892	2.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-09	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00108	-2.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.00502	-1.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0107	-2.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.00666	-1.76E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.00448	-1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.00422	-1.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.00362	-9.57E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.57E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.00609	-1.61E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0042	-1.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.00675	-1.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.0013	-3.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0247	-6.53E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.016	-4.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0151	-3.99E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0115	-3.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	0.00242	6.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-08	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0222	-5.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.87E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0248	-6.56E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.56E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0298	-7.88E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.88E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0165	-4.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.00922	-2.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00118	-3.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-9.52E-04	-2.52E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-1.42E-03	-3.75E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-1.32E-02	-3.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-8.91E-03	-2.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-5.09E-03	-1.35E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-1.78E-02	-4.71E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-2.43E-02	-6.42E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.42E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-1.23E-04	-3.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-8.91E-05	-2.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-1.33E-04	-3.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-2.02E-04	-5.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.34E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-2.52E-04	-6.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.66E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-5.08E-04	-1.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-3.88E-04	-1.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-2.74E-04	-7.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-3.50E-04	-9.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.25E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-1.19E-04	-3.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-1.31E-04	-3.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-2.09E-04	-5.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-8.82E-04	-2.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-2.44E-04	-6.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-5.23E-04	-1.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-5.88E-03	-1.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-5.17E-03	-1.37E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-9.02E-03	-2.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-1.60E-02	-4.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-2.04E-02	-5.39E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.39E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-9.30E-03	-2.46E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-5.61E-03	-1.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-3.71E-04	-9.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.81E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-4.70E-04	-1.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-2.18E-04	-5.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.76E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-9.20E-04	-2.43E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-4.15E-04	-1.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-3.64E-03	-9.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.62E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-1.64E-02	-4.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-1.80E-02	-4.76E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-1.64E-02	-4.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-3.67E-03	-9.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.70E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-5.25E-03	-1.39E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-3.37E-03	-8.91E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.91E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-3.69E-03	-9.75E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.75E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-1.30E-03	-3.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-5.47E-04	-1.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-7.41E-04	-1.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-4.80E-04	-1.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-9.77E-04	-2.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-3.21E-04	-8.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.49E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-9.11E-04	-2.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-1.31E-03	-3.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-3.22E-03	-8.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.51E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-7.38E-04	-1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-2.65E-04	-7.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.01E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-2.53E-03	-6.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-5.62E-04	-1.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-1.24E-03	-2.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-7.85E-04	-1.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-1.73E-04	-3.98E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.98E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-1.79E-04	-4.12E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-1.64E-04	-3.77E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.63E-04	-3.75E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-2.59E-04	-5.96E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-7.14E-04	-1.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	2.53E-04	5.82E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-3.54E-05	-8.14E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.14E-11	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-4.09E-04	-9.41E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.41E-10	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-6.73E-04	-1.55E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00179	-4.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00337	-7.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.75E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.0022	-5.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00157	-3.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00149	-3.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00133	-3.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.06E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00218	-5.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.01E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00179	-4.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00287	-6.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.60E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00216	-4.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.00852	-1.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.00644	-1.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.00673	-1.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0063	-1.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.00295	-6.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.78E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.00712	-1.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.00783	-1.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.00917	-2.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.00503	-1.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00293	-6.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.74E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00047	-1.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.000651	-1.50E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.000852	-1.96E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00399	-9.18E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.18E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00281	-6.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00277	-6.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.37E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.00596	-1.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.00739	-1.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.0000476	-1.09E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000336	-7.73E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.73E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.0000502	-1.15E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.0000809	-1.86E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.0000993	-2.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000186	-4.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000164	-3.77E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000137	-3.15E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000169	-3.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.89E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.0000502	-1.15E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.0000562	-1.29E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.0000991	-2.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-6.20E-04	-1.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.06E-04	-2.44E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-2.26E-04	-5.20E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.20E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-2.43E-03	-5.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.59E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00162	-3.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00273	-6.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.28E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.00492	-1.13E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.00639	-1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00309	-7.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-1.92E-03	-4.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-2.28E-04	-5.24E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.00026	-5.98E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.0000881	-2.03E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000365	-8.39E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.39E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000158	-3.63E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00164	-3.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.00504	-1.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0057	-1.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.00489	-1.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00119	-2.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00196	-4.51E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00145	-3.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0014	-3.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.000555	-1.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000261	-6.00E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.00E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00036	-8.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.28E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000259	-5.96E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-4.81E-04	-1.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-1.32E-04	-3.04E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.000463	-1.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.000502	-1.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00105	-2.41E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-2.60E-04	-5.98E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-1.13E-04	-2.60E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-8.43E-04	-1.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000236	-5.43E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.43E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00816	4.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00787	4.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00817	4.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00802	4.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00685	3.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0169	9.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.38E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0222	1.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0229	1.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0431	2.39E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0297	1.65E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0185	1.03E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0148	8.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.22E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.0116	6.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.44E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	0.00648	3.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00845	4.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00936	5.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00932	5.17E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00974	5.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.32E-02	7.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0198	1.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0317	1.76E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.0673	3.74E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.41E-02	2.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0696	3.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	9.50E-02	5.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	1.26E-01	6.99E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.99E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.166	9.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0087	4.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00589	3.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000426	2.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.00042	2.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00471	2.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00395	2.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0131	7.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0146	8.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.0000874	4.85E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00387	2.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0446	2.48E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0145	8.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.05E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000226	1.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000346	1.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000217	1.20E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.00032	1.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	6.79E-04	3.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.000759	4.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00108	6.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00156	8.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00187	1.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00224	1.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	4.70E-04	2.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.000552	3.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00127	7.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0127	7.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00114	6.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00239	1.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0219	1.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.002	1.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000297	-1.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.0023	1.2768E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2768E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00401	2.226E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.226E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.00975	5.4124E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4124E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.00765	4.2467E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2467E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00415	2.3038E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3038E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00424	2.3537E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3537E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.000788	4.3744E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3744E-09	0	0	0

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00299	1.6598E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6598E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00116	6.4394E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4394E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0191	1.0603E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0603E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00285	1.5821E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5821E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.00909	5.0461E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0461E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00337	-1.8708E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8708E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00263	1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.011	6.1064E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1064E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0135	7.4942E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4942E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0101	5.6067E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6067E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.00571	3.1698E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1698E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00338	1.8763E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8763E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.00481	2.6701E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6701E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00403	2.2371E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2371E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.00663	3.6805E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6805E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00126	6.9945E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9945E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.00675	3.7471E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7471E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00379	2.1039E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1039E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.0027	1.4988E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4988E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.0013	7.2166E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2166E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00115	6.3839E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3839E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00262	1.4544E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4544E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00231	1.2823E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2823E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.000383	3.5435E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5435E-10	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.000369	3.414E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.414E-10	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.000305	2.8219E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8219E-10	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.000238	2.202E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.202E-10	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.000177	1.6376E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6376E-10	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.000209	1.9337E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9337E-10	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.000267	2.4703E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4703E-10	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.000799	7.3924E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3924E-10	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.00194	1.7949E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7949E-09	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.00139	1.286E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.286E-09	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.00089	8.2343E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2343E-10	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.000726	6.717E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.717E-10	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000666	6.1619E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1619E-10	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.000555	5.1349E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1349E-10	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.000528	4.8851E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8851E-10	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.000489	4.5243E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5243E-10	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.000449	4.1542E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1542E-10	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.000413	3.8211E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8211E-10	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.000263	2.4333E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4333E-10	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.000272	2.5166E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5166E-10	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.000331	3.0624E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0624E-10	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.000701	6.4857E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4857E-10	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.0021	1.9429E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9429E-09	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.00387	3.5805E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5805E-09	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.0058	5.3662E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3662E-09	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.00808	7.4757E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4757E-09	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.0109	1.0085E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0085E-08	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0102	9.4371E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4371E-09	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.0101	9.3446E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3446E-09	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.00893	8.2621E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2621E-09	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.000574	5.3107E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3107E-10	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000548	5.0701E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0701E-10	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.00039	3.6083E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6083E-10	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.000433	4.0061E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0061E-10	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.00143	1.323E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.323E-09	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000341	3.1549E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1549E-10	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.000294	2.7201E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7201E-10	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.00117	1.0825E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0825E-09	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0114	1.0547E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0547E-08	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.00244	2.2575E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2575E-09	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.0000544	5.0331E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0331E-11	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.0000425	3.9321E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9321E-11	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.0000739	6.8373E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.8373E-11	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.0000747	6.9113E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9113E-11	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.000155	1.4341E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4341E-10	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.000207	1.9152E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9152E-10	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.000233	2.1557E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1557E-10	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000178	1.6469E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6469E-10	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.000144	1.3323E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3323E-10	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.0000936	8.6599E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6599E-11	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.0000967	8.9467E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9467E-11	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.0000675	6.2451E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2451E-11	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.000415	3.8396E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8396E-10	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.0000797	7.3739E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3739E-11	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.000188	1.7394E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7394E-10	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.00309	2.8589E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8589E-09	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.00034	3.1457E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1457E-10	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.000336	3.1087E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1087E-10	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.000801	7.4109E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4109E-10	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.00634	5.8658E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8658E-09	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.00071	6.569E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.569E-10	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.000603	5.579E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.579E-10	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.000163	1.5081E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5081E-10	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.000125	1.1565E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1565E-10	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.0000506	4.6815E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6815E-11	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.000288	2.6646E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6646E-10	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.0000661	6.1156E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1156E-11	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.00125	1.1565E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1565E-09	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.000234	2.165E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.165E-10	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.000621	5.7455E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7455E-10	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000204	1.8874E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8874E-10	0	0	0
1040	1142	615	75092	Methylene Chlor	0.000298	2.7571E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7571E-10	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.00403	3.7286E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7286E-09	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.00407	3.7656E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7656E-09	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.000549	5.0794E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0794E-10	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.000383	3.5435E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5435E-10	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000209	1.9337E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9337E-10	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.000277	2.5628E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5628E-10	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.000224	2.0725E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0725E-10	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.000319	2.9514E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9514E-10	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.0000619	5.727E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.727E-11	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.000206	1.9059E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9059E-10	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.000126	1.1658E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1658E-10	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000171	1.5821E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5821E-10	0	0	0
1053	2400	240	75092	Methylene Chlor	0.0000864	7.9938E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.9938E-11	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.0000781	7.2258E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2258E-11	0	0	0
1055	900	935	75092	Methylene Chlor	0.000337	3.1179E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1179E-10	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000192	1.7764E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7764E-10	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000189	-5.9953E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9953E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.0000777	-2.4647E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4647E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000124	3.9334E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9334E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000144	4.5679E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5679E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000131	4.1555E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1555E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.000517	1.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00067	2.1253E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1253E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000302	9.5798E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5798E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.000732	2.322E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.322E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.00043	1.364E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.364E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.00016	5.0754E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0754E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	0.0000312	9.897E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.897E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000344	-1.0912E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0912E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00089	-2.8232E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8232E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.000505	-1.6019E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6019E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000288	-9.1357E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1357E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.00025	-7.9303E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.9303E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000172	-5.4561E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4561E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000177	-5.6147E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6147E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000174	5.5195E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5195E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000336	1.0658E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0658E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00175	5.5512E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5512E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00147	-4.663E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.663E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.000889	-2.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.000968	-3.0706E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0706E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.000878	-2.7851E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7851E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	0.0000465	1.475E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.475E-09	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00144	-4.5679E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5679E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00173	-5.4878E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4878E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00229	-7.2642E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2642E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00125	-3.9652E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9652E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000547	-1.7352E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7352E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000041	1.3006E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3006E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000364	1.1547E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1547E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000376	1.1927E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1927E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.001	-3.1721E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1721E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00055	-1.7447E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7447E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.0011	3.4893E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4893E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.000916	-2.9057E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9057E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00185	-5.8684E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8684E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000201	6.376E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.376E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000304	9.6433E-12	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6433E-12	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000297	9.4212E-12	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4212E-12	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.00000705	2.2364E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2364E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.00000566	1.7954E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7954E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000348	-1.1039E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1039E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000219	6.947E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.947E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000041	1.3006E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3006E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000479	1.5195E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5195E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000631	2.0016E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0016E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000816	2.5885E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5885E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000264	8.3744E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3744E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000358	1.1356E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1356E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000194	6.1539E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1539E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000395	1.253E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.253E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000275	8.7234E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7234E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000328	-1.0405E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0405E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.000699	-2.2173E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2173E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00115	-3.6479E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6479E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00145	-4.5996E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5996E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000385	-1.2213E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2213E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000173	-5.4878E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4878E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.00011	3.4893E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4893E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000106	3.3625E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3625E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.00000965	3.0611E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0611E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000291	9.2309E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2309E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000071	2.2522E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2522E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000357	1.1325E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1325E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00115	-3.6479E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6479E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00107	-3.3942E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3942E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00137	-4.3458E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3458E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000193	-6.1222E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1222E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.0000484	-1.5353E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5353E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000179	5.6781E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6781E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000056	1.7764E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7764E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000091	2.8866E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8866E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.0000709	2.249E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.249E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000104	3.299E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.299E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.0000978	3.1023E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1023E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000147	4.663E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.663E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000177	5.6147E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6147E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000156	4.9485E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9485E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000268	8.5013E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5013E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000155	-4.9168E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9168E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000129	-4.092E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.092E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000181	5.7416E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7416E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000106	-3.3625E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3625E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000337	1.069E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.069E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00741	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00443	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.000851	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.000751	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.000675	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.00112	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00156	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.000826	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00705	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00543	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00393	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:14:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00409	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00276	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0177	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0129	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0133	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0164	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0188	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.0604	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0321	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0352	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0311	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.0969	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0435	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0423	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.0549	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.0835	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.0851	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0055	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.0581	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.00743	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0257	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000342	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00105	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.000935	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.048	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.0647	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0306	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00826	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0417	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000317	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000226	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000289	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000409	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000544	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.000695	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.000793	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00066	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.000543	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000344	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000397	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000314	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00103	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.000396	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.000814	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0327	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0257	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.00247	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0276	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0299	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.0624	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0243	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00445	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.00454	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00121	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00175	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00213	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0254	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.0796	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.0764	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.0746	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0161	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.0024	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0105	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0332	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.00839	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0037	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.00566	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00443	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0104	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00166	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0101	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.00913	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0157	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00353	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00188	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0069	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00312	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-3.39E-07	-6.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	-4.91E-09	-7.16E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.27E-07	-4.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.59E-10	-3.29E-09	-4.80E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-5.72E-09	-1.17E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-11	-8.29E-11	-1.21E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-1.51E-08	-3.08E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.71E-11	-2.19E-10	-3.19E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-1.39E-08	-2.83E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.26E-11	-2.01E-10	-2.94E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-4.66E-08	-9.50E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-10	-6.75E-10	-9.85E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-8.61E-08	-1.76E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-10	-1.25E-09	-1.82E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.24E-07	-2.53E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.69E-10	-1.80E-09	-2.62E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	6.89E-08	1.41E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-10	9.99E-10	1.46E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	8.88E-08	1.81E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-10	1.29E-09	1.88E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.27E-07	2.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-10	1.84E-09	2.68E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	1.79E-07	3.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.77E-10	2.59E-09	3.78E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	4.68E-07	9.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-09	6.78E-09	9.89E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.11E-06	2.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-09	1.61E-08	2.35E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	7.99E-07	1.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-09	1.16E-08	1.69E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	7.27E-07	1.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	1.05E-08	1.54E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	7.88E-07	1.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-09	1.14E-08	1.66E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	8.10E-07	1.65E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-09	1.17E-08	1.71E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.33E-06	4.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.82E-09	3.38E-08	4.92E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.29E-06	2.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-09	1.87E-08	2.73E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.64E-06	3.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-09	2.38E-08	3.46E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.44E-06	2.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-09	2.09E-08	3.04E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	4.33E-06	8.83E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	6.28E-08	9.15E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	1.95E-06	3.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-09	2.83E-08	4.12E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	1.84E-06	3.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-09	2.67E-08	3.89E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.05E-06	4.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.76E-09	2.97E-08	4.33E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.44E-06	4.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-09	3.54E-08	5.16E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-3.68E-06	-7.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-08	-5.33E-08	-7.77E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-5.09E-07	-1.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-09	-7.38E-09	-1.08E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-2.50E-06	-5.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-09	-3.62E-08	-5.28E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-3.60E-07	-7.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-09	-5.22E-09	-7.61E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.20E-06	-2.45E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.54E-09	-1.74E-08	-2.54E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-6.40E-08	-1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-10	-9.28E-10	-1.35E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.15E-07	-2.35E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.35E-10	-1.67E-09	-2.43E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-4.96E-08	-1.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-10	-7.19E-10	-1.05E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.67E-06	3.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-09	2.42E-08	3.53E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	2.44E-06	4.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-09	3.54E-08	5.16E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.37E-06	2.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-09	1.99E-08	2.89E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-5.60E-07	-1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-09	-8.12E-09	-1.18E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.27E-06	-4.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.59E-09	-3.29E-08	-4.80E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.79E-09	1.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-11	1.27E-10	1.86E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.46E-09	1.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-11	9.36E-11	1.36E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	6.43E-09	1.31E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-11	9.32E-11	1.36E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.28E-08	2.61E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-11	1.86E-10	2.70E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	1.19E-08	2.43E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-11	1.72E-10	2.51E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	9.64E-09	1.97E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-11	1.40E-10	2.04E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	1.30E-08	2.65E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-11	1.88E-10	2.75E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.42E-08	2.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-11	2.06E-10	3.00E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	6.53E-10	1.33E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-12	9.47E-12	1.38E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	9.51E-09	1.94E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-11	1.38E-10	2.01E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.15E-08	2.35E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-11	1.67E-10	2.43E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	2.20E-09	4.49E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-12	3.19E-11	4.65E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.09E-07	-2.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-10	-1.58E-09	-2.30E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	8.30E-09	1.69E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-11	1.20E-10	1.75E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.59E-08	3.24E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-11	2.30E-10	3.36E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.13E-06	2.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-09	1.64E-08	2.39E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.07E-06	2.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-09	1.55E-08	2.26E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.03E-07	4.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-10	2.94E-09	4.29E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.52E-06	-3.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.75E-09	-2.20E-08	-3.21E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.60E-06	-3.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-09	-2.32E-08	-3.38E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.65E-06	5.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	3.84E-08	5.60E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.02E-06	2.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-09	1.48E-08	2.16E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	1.73E-07	3.53E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-10	2.51E-09	3.66E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	1.87E-07	3.81E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-10	2.71E-09	3.95E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	5.79E-08	1.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-10	8.39E-10	1.22E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.02E-08	1.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-10	8.73E-10	1.27E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.03E-07	2.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-10	1.49E-09	2.18E-10	0.00E+00
68	1088	-938	7440382	Arsenic	9.50E-07	1.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-09	1.38E-08	2.01E-09	0.00E+00
69	1647	-390	7440382	Arsenic	3.73E-06	7.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	5.41E-08	7.88E-09	0.00E+00
70	1650	-890	7440382	Arsenic	3.63E-06	7.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	5.26E-08	7.67E-09	0.00E+00
71	1430	215	7440382	Arsenic	3.44E-06	7.01E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	4.99E-08	7.27E-09	0.00E+00
72	1142	615	7440382	Arsenic	7.56E-07	1.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-09	1.10E-08	1.60E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-2.55E-07	-5.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.65E-10	-3.70E-09	-5.39E-10	0.00E+00
74	-42	-825	7440382	Arsenic	-9.90E-10	-2.02E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-12	-1.44E-11	-2.09E-12	0.00E+00
75	1900	-1175	7440382	Arsenic	1.38E-06	2.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-09	2.00E-08	2.92E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.08E-07	6.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	4.46E-09	6.51E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.29E-07	2.63E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-10	1.87E-09	2.73E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.00E-07	4.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-10	2.90E-09	4.23E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.58E-07	3.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-10	2.29E-09	3.34E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	4.11E-07	8.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	5.96E-09	8.68E-10	0.00E+00
81	3400	-250	7440382	Arsenic	7.86E-08	1.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-10	1.14E-09	1.66E-10	0.00E+00
82	2577	-940	7440382	Arsenic	4.19E-07	8.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-09	6.07E-09	8.85E-10	0.00E+00
83	2404	-475	7440382	Arsenic	3.96E-07	8.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	5.74E-09	8.37E-10	0.00E+00
84	1577	291	7440382	Arsenic	7.18E-07	1.46E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-09	1.04E-08	1.52E-09	0.00E+00
85	2400	240	7440382	Arsenic	1.75E-07	3.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	2.54E-09	3.70E-10	0.00E+00
86	2600	1290	7440382	Arsenic	7.51E-08	1.53E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	1.09E-09	1.59E-10	0.00E+00
87	900	935	7440382	Arsenic	8.43E-07	1.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-09	1.22E-08	1.78E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.47E-07	3.00E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-10	2.13E-09	3.11E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	2.25E-08	1.06E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.88E-08	8.89E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-11	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	1.65E-08	7.80E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.80E-11	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	1.31E-08	6.20E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-11	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	1.23E-08	5.82E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-11	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	1.67E-08	7.90E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-11	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	1.95E-08	9.22E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-11	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	9.89E-08	4.68E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-10	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	5.87E-08	2.78E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-10	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.13E-08	1.95E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	2.71E-08	1.28E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.12E-08	1.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	1.45E-08	6.86E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-11	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.25E-08	5.91E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-11	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	9.75E-09	4.61E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-11	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	7.19E-09	3.40E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-11	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	6.18E-09	2.92E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-11	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	6.30E-09	2.98E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-11	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	7.41E-09	3.50E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-11	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	7.58E-09	3.59E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-11	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	8.05E-09	3.81E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-11	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	1.05E-08	4.97E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-11	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	1.77E-08	8.37E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-11	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	2.33E-08	1.10E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	2.93E-08	1.39E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-10	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	4.22E-08	2.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	6.97E-08	3.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-10	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	2.34E-07	1.11E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	4.82E-07	2.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	8.36E-07	3.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	4.64E-08	2.19E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	3.29E-08	1.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-10	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	2.12E-08	1.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	3.94E-08	1.86E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	1.23E-07	5.82E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-10	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	7.16E-09	3.39E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-11	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	7.55E-09	3.57E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-11	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	1.29E-08	6.10E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-11	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	1.20E-07	5.68E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-10	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	1.51E-07	7.14E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-10	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	3.73E-09	1.76E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.95E-09	9.22E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-12	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.62E-09	1.24E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	4.26E-09	2.01E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	7.47E-09	3.53E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-11	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	8.66E-09	4.10E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-11	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	1.19E-08	5.63E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-11	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	8.33E-09	3.94E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-11	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	9.25E-09	4.38E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-11	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	4.49E-09	2.12E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	4.10E-09	1.94E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	4.12E-09	1.95E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	3.67E-08	1.74E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	7.16E-09	3.39E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	8.11E-09	3.84E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-11	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	2.73E-08	1.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	2.36E-08	1.12E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	2.38E-08	1.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	7.01E-08	3.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-10	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	6.08E-07	2.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	1.15E-08	5.44E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-11	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.30E-08	6.15E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-11	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	4.04E-09	1.91E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.32E-09	2.04E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	2.76E-09	1.31E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	9.19E-09	4.35E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-11	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	3.26E-09	1.54E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	1.77E-08	8.37E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-11	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	6.88E-09	3.25E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-11	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	9.14E-09	4.32E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-11	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	5.99E-09	2.83E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-11	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	4.74E-09	2.24E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-11	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.05E-07	4.97E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-10	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	7.40E-08	3.50E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	9.25E-09	4.38E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-11	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	9.92E-09	4.69E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-11	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	6.02E-09	2.85E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-11	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	7.63E-09	3.61E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-11	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	5.57E-09	2.63E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-11	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	6.24E-09	2.95E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-11	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	3.12E-09	1.48E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	5.13E-09	2.43E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-11	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	4.82E-09	2.28E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	5.27E-09	2.49E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-11	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.87E-09	1.83E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.06E-09	9.74E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-12	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	7.58E-09	3.59E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-11	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	5.49E-09	2.60E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-11	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-2.82E-06	-4.68E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-07	-1.36E-08	-6.62E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-1.82E-06	-3.02E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-07	-8.79E-09	-4.27E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.11E-07	1.84E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	5.36E-10	2.61E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	7.50E-08	1.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	3.62E-10	1.76E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	4.77E-08	7.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-09	2.30E-10	1.12E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	3.40E-10	5.64E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-11	1.64E-12	7.98E-14	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	3.20E-08	5.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-09	1.55E-10	7.51E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-8.23E-07	-1.37E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-07	-3.98E-09	-1.93E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.50E-06	2.49E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-07	7.25E-09	3.52E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.31E-06	2.17E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-07	6.33E-09	3.08E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.30E-06	2.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-07	6.28E-09	3.05E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.61E-06	2.67E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	7.78E-09	3.78E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.18E-06	5.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-07	1.54E-08	7.47E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	8.67E-06	1.44E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	4.19E-08	2.04E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	6.33E-06	1.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	3.06E-08	1.49E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	5.98E-06	9.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.62E-07	2.89E-08	1.40E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	6.74E-06	1.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	3.26E-08	1.58E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	7.18E-06	1.19E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	3.47E-08	1.69E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.10E-05	3.48E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-06	1.01E-07	4.93E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.18E-05	1.96E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-06	5.70E-08	2.77E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.44E-05	2.39E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-06	6.96E-08	3.38E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.33E-05	2.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-06	6.43E-08	3.12E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	3.74E-05	6.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-06	1.81E-07	8.78E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.71E-05	2.84E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-06	8.26E-08	4.01E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.61E-05	2.67E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-06	7.78E-08	3.78E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	1.86E-05	3.09E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-06	8.99E-08	4.37E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.39E-05	3.96E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-06	1.15E-07	5.61E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.24E-05	-5.37E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.21E-06	-1.57E-07	-7.61E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-5.39E-06	-8.94E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.67E-07	-2.60E-08	-1.27E-09	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.44E-05	-4.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-06	-1.18E-07	-5.73E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-2.94E-06	-4.88E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-07	-1.42E-08	-6.90E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-9.96E-06	-1.65E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-06	-4.81E-08	-2.34E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-3.04E-07	-5.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-08	-1.47E-09	-7.14E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-3.18E-07	-5.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.11E-08	-1.54E-09	-7.47E-11	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-1.86E-07	-3.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-08	-8.99E-10	-4.37E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.57E-05	2.60E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	7.59E-08	3.69E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.21E-05	3.67E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-06	1.07E-07	5.19E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.28E-05	2.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-06	6.18E-08	3.00E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-2.77E-06	-4.59E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-07	-1.34E-08	-6.50E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.85E-05	-3.07E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.98E-06	-8.94E-08	-4.34E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	8.85E-08	1.47E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	4.28E-10	2.08E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	6.68E-08	1.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	3.23E-10	1.57E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	7.48E-08	1.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	3.61E-10	1.76E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.30E-07	2.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-08	6.28E-10	3.05E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.31E-07	2.17E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	6.33E-10	3.08E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	1.44E-07	2.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	6.96E-10	3.38E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	1.73E-07	2.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-08	8.36E-10	4.06E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.86E-07	3.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-08	8.99E-10	4.37E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	9.37E-08	1.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	4.53E-10	2.20E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	9.36E-08	1.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	4.52E-10	2.20E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.15E-07	1.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	5.56E-10	2.70E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	6.69E-08	1.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	3.23E-10	1.57E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-2.90E-07	-4.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-08	-1.40E-09	-6.81E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	9.92E-08	1.65E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	4.79E-10	2.33E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.19E-07	3.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-08	1.06E-09	5.14E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.09E-05	1.81E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-06	5.27E-08	2.56E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	9.34E-06	1.55E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	4.51E-08	2.19E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.50E-06	2.49E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-07	7.25E-09	3.52E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.22E-05	-2.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-06	-5.89E-08	-2.86E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.50E-05	-2.49E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-06	-7.25E-08	-3.52E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.32E-05	3.85E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-06	1.12E-07	5.45E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	9.03E-06	1.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	4.36E-08	2.12E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.65E-06	2.74E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-07	7.97E-09	3.87E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	1.75E-06	2.90E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-07	8.46E-09	4.11E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	4.98E-07	8.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-08	2.41E-09	1.17E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	6.08E-07	1.01E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.78E-08	2.94E-09	1.43E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	8.83E-07	1.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	4.27E-09	2.07E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	8.98E-06	1.49E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	4.34E-08	2.11E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.15E-05	5.23E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.07E-06	1.52E-07	7.39E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.07E-05	5.09E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.94E-06	1.48E-07	7.21E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	2.91E-05	4.83E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-06	1.41E-07	6.83E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	6.47E-06	1.07E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-06	3.13E-08	1.52E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.43E-06	-2.37E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-07	-6.91E-09	-3.36E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	1.14E-06	1.89E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	5.51E-09	2.68E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.23E-05	2.04E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-06	5.94E-08	2.89E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	2.92E-06	4.84E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-07	1.41E-08	6.85E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.26E-06	2.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-07	6.09E-09	2.96E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.94E-06	3.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-07	9.37E-09	4.55E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.53E-06	2.54E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	7.39E-09	3.59E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	3.79E-06	6.29E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-07	1.83E-08	8.90E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	6.88E-07	1.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	3.32E-09	1.62E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	3.83E-06	6.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-07	1.85E-08	8.99E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	3.52E-06	5.84E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-07	1.70E-08	8.26E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	6.16E-06	1.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-07	2.98E-08	1.45E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.48E-06	2.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	7.15E-09	3.47E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	6.97E-07	1.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	3.37E-09	1.64E-10	0.00E+00
263	900	935	18540299	Cr(VI)	5.85E-06	9.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-07	2.83E-08	1.37E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.29E-06	2.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	6.23E-09	3.03E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-1.43E-06	-1.51E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-11	-1.17E-10	-8.56E-12	-5.94E-12
266	-1778.03	-291.29	7439921	Lead	-6.75E-07	-7.12E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.94E-12	-5.54E-11	-4.04E-12	-2.80E-12
267	-1732.28	175.05	7439921	Lead	1.17E-06	1.23E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-11	9.61E-11	7.00E-12	4.86E-12
268	-1579.43	347.93	7439921	Lead	1.17E-06	1.23E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-11	9.61E-11	7.00E-12	4.86E-12
269	-1525.43	516.64	7439921	Lead	9.05E-07	9.55E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-11	7.43E-11	5.42E-12	3.76E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	1.69E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-11	1.31E-10	9.58E-12	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.20E-06	3.38E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-11	2.63E-10	1.92E-11	1.33E-11
272	-672.12	353.55	7439921	Lead	3.47E-06	3.66E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-11	2.85E-10	2.08E-11	1.44E-11
273	-169.37	170.38	7439921	Lead	6.32E-06	6.67E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-11	5.19E-10	3.78E-11	2.63E-11
274	-75.04	299.11	7439921	Lead	4.45E-06	4.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.89E-11	3.66E-10	2.66E-11	1.85E-11
275	49.15	527.2	7439921	Lead	3.45E-06	3.64E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-11	2.83E-10	2.07E-11	1.43E-11
276	144.22	648.15	7439921	Lead	3.50E-06	3.69E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-11	2.87E-10	2.10E-11	1.45E-11
277	394.15	623.31	7439921	Lead	5.91E-06	6.24E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.83E-11	4.85E-10	3.54E-11	2.45E-11
278	501.62	717.12	7439921	Lead	1.11E-05	1.17E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	9.12E-10	6.64E-11	4.61E-11
279	618.47	665.12	7439921	Lead	8.60E-06	9.08E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-10	7.06E-10	5.15E-11	3.57E-11
280	755.45	579.13	7439921	Lead	8.13E-06	8.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	6.68E-10	4.87E-11	3.38E-11
281	867.79	485.41	7439921	Lead	8.85E-06	9.34E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	7.27E-10	5.30E-11	3.68E-11
282	955.03	377.6	7439921	Lead	0.00000932	9.83E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-10	7.66E-10	5.58E-11	3.87E-11
283	1331.68	-165.58	7439921	Lead	0.000023	2.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-10	1.89E-09	1.38E-10	9.55E-11
284	1406.74	-290.13	7439921	Lead	0.0000155	1.64E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-10	1.27E-09	9.28E-11	6.44E-11
285	1456.2	-436.06	7439921	Lead	0.0000202	2.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-10	1.66E-09	1.21E-10	8.39E-11
286	1209.21	-528.32	7439921	Lead	0.0000237	2.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-10	1.95E-09	1.42E-10	9.84E-11
287	913.01	-694.67	7439921	Lead	0.0000446	4.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-10	3.66E-09	2.67E-10	1.85E-10
288	717.24	-664.22	7439921	Lead	0.0000241	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	1.98E-09	1.44E-10	1.00E-10
289	544.23	-594.35	7439921	Lead	0.0000232	2.45E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-10	1.91E-09	1.39E-10	9.64E-11
290	338.12	-539.73	7439921	Lead	0.0000247	2.61E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-10	2.03E-09	1.48E-10	1.03E-10
291	123.44	-529.45	7439921	Lead	0.0000276	2.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-10	2.27E-09	1.65E-10	1.15E-10
292	-353.26	-515.05	7439921	Lead	-0.0000236	-2.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-10	-1.94E-09	-1.41E-10	-9.80E-11
293	-537.68	-487.8	7439921	Lead	0.00000609	6.43E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-11	5.00E-10	3.65E-11	2.53E-11
294	-775.51	-486.07	7439921	Lead	-0.00000689	-7.27E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.12E-11	-5.66E-10	-4.12E-11	-2.86E-11
295	-1414.44	-481.5	7439921	Lead	-0.000000491	-5.18E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-12	-4.03E-11	-2.94E-12	-2.04E-12
296	-1515.21	-320.18	7439921	Lead	-7.87E-06	-8.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-10	-6.46E-10	-4.71E-11	-3.27E-11
297	-1749.69	-63.9	7439921	Lead	7.92E-07	8.36E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	6.51E-11	4.74E-12	3.29E-12
298	-920.57	426.17	7439921	Lead	2.84E-06	3.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-11	2.33E-10	1.70E-11	1.18E-11
299	-420.73	233.87	7439921	Lead	5.40E-06	5.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-11	4.44E-10	3.23E-11	2.24E-11
300	1090.12	214.1	7439921	Lead	1.70E-05	1.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-10	1.40E-09	1.02E-10	7.06E-11
301	1183.39	65.17	7439921	Lead	2.36E-05	2.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-10	1.94E-09	1.41E-10	9.80E-11
302	1055.3	-577.42	7439921	Lead	2.26E-05	2.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-10	1.86E-09	1.35E-10	9.39E-11
303	-103.02	-518.78	7439921	Lead	2.14E-06	2.26E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-11	1.76E-10	1.28E-11	8.89E-12
304	-1076.39	-488.67	7439921	Lead	-0.0000144	-1.52E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-10	-1.18E-09	-8.62E-11	-5.98E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000256	2.70E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-12	2.10E-11	1.53E-12	1.06E-12
306	-5050.04	-958.41	7439921	Lead	0.000000178	1.88E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-12	1.46E-11	1.07E-12	7.39E-13
307	-4023.97	-112.26	7439921	Lead	2.28E-07	2.41E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-12	1.87E-11	1.36E-12	9.47E-13
308	-2122.34	995.23	7439921	Lead	3.80E-07	4.01E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-12	3.12E-11	2.27E-12	1.58E-12
309	-2734.69	227.4	7439921	Lead	4.66E-07	4.92E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-12	3.83E-11	2.79E-12	1.94E-12
310	-2371.11	-69.21	7439921	Lead	5.96E-07	6.29E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-12	4.90E-11	3.57E-12	2.48E-12
311	-2146.26	177.17	7439921	Lead	7.56E-07	7.98E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-11	6.21E-11	4.53E-12	3.14E-12
312	-1919.02	445.07	7439921	Lead	7.75E-07	8.18E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-11	6.37E-11	4.64E-12	3.22E-12
313	-1651.12	607.72	7439921	Lead	6.84E-07	7.22E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.06E-12	5.62E-11	4.09E-12	2.84E-12
314	-3361.39	677.09	7439921	Lead	2.95E-07	3.11E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-12	2.42E-11	1.77E-12	1.23E-12
315	-3026.51	724.93	7439921	Lead	3.23E-07	3.41E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-12	2.65E-11	1.93E-12	1.34E-12

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.70E-07	3.90E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-12	3.04E-11	2.21E-12	1.54E-12
317	-922.86	446.42	7439921	Lead	2.73E-06	2.88E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-11	2.24E-10	1.63E-11	1.13E-11
318	-1799.42	1088.51	7439921	Lead	4.45E-07	4.70E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.89E-12	3.66E-11	2.66E-12	1.85E-12
319	-359.36	1846.44	7439921	Lead	8.29E-07	8.75E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-11	6.81E-11	4.96E-12	3.44E-12
320	671.3	-742.78	7439921	Lead	1.59E-05	1.68E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-10	1.31E-09	9.52E-11	6.60E-11
321	-1565.55	-932.22	7439921	Lead	1.05E-05	1.11E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-10	8.62E-10	6.29E-11	4.36E-11
322	-1733.02	-528.24	7439921	Lead	3.09E-06	3.26E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-11	2.54E-10	1.85E-11	1.28E-11
323	-1261.46	-507.67	7439921	Lead	-9.65E-06	-1.02E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-10	-7.93E-10	-5.78E-11	-4.01E-11
324	-883.92	-503.26	7439921	Lead	-0.0000025	-2.64E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-11	-2.05E-10	-1.50E-11	-1.04E-11
325	1599.35	-1104.97	7439921	Lead	0.0000261	2.75E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	2.14E-09	1.56E-10	1.08E-10
326	1608.16	-1382.63	7439921	Lead	1.13E-05	1.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-10	9.28E-10	6.76E-11	4.69E-11
327	3517.15	-1425.27	7439921	Lead	2.64E-06	2.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-11	2.17E-10	1.58E-11	1.10E-11
328	2959.77	-846.37	7439921	Lead	2.86E-06	3.02E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.79E-11	2.35E-10	1.71E-11	1.19E-11
329	3479.67	224.81	7439921	Lead	0.000000783	8.26E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-11	6.43E-11	4.69E-12	3.25E-12
330	44.43	1469.76	7439921	Lead	0.00000146	1.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-11	1.20E-10	8.74E-12	6.06E-12
331	3044.83	-34	7439921	Lead	1.31E-06	1.38E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-11	1.08E-10	7.84E-12	5.44E-12
332	1088	-938	7439921	Lead	1.32E-05	1.39E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	1.08E-09	7.90E-11	5.48E-11
333	1647	-390	7439921	Lead	3.49E-05	3.68E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-10	2.87E-09	2.09E-10	1.45E-10
334	1650	-890	7439921	Lead	3.52E-05	3.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-10	2.89E-09	2.11E-10	1.46E-10
335	1430	215	7439921	Lead	3.09E-05	3.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-10	2.54E-09	1.85E-10	1.28E-10
336	1142	615	7439921	Lead	0.00000807	8.52E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	6.63E-10	4.83E-11	3.35E-11
337	-333	-788	7439921	Lead	0.00000238	2.51E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-11	1.95E-10	1.42E-11	9.89E-12
338	-42	-825	7439921	Lead	0.00000446	4.71E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-11	3.66E-10	2.67E-11	1.85E-11
339	1900	-1175	7439921	Lead	0.0000147	1.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-10	1.21E-09	8.80E-11	6.11E-11
340	1815	-1910	7439921	Lead	0.0000043	4.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-11	3.53E-10	2.57E-11	1.79E-11
341	2575	-2650	7439921	Lead	0.00000208	2.19E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-11	1.71E-10	1.25E-11	8.64E-12
342	2665	-2025	7439921	Lead	0.00000305	3.22E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-11	2.51E-10	1.83E-11	1.27E-11
343	3480	-2025	7439921	Lead	0.00000245	2.59E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-11	2.01E-10	1.47E-11	1.02E-11
344	2667	-1400	7439921	Lead	0.00000529	5.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-11	4.35E-10	3.17E-11	2.20E-11
345	3400	-250	7439921	Lead	0.00000111	1.17E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-11	9.12E-11	6.64E-12	4.61E-12
346	2577	-940	7439921	Lead	0.00000548	5.78E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-11	4.50E-10	3.28E-11	2.28E-11
347	2404	-475	7439921	Lead	0.0000047	4.96E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-11	3.86E-10	2.81E-11	1.95E-11
348	1577	291	7439921	Lead	0.00000736	7.77E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.75E-11	6.05E-10	4.41E-11	3.06E-11
349	2400	240	7439921	Lead	0.00000202	2.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-11	1.66E-10	1.21E-11	8.39E-12
350	2600	1290	7439921	Lead	0.00000107	1.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-11	8.79E-11	6.41E-12	4.44E-12
351	900	935	7439921	Lead	0.00000854	9.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	7.01E-10	5.11E-11	3.55E-11
352	1375	1395	7439921	Lead	0.00000213	2.25E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-11	1.75E-10	1.28E-11	8.85E-12
353	-1710.89	-383.91	7440020	Nickel	-0.0000403	-1.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.000026	-7.46E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.46E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000606	1.74E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-4.41E-09	-1.27E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-12	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-7.59E-10	-2.18E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-13	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000123	-3.53E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000029	-8.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.32E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000148	-4.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.25E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000163	4.68E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000151	4.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000151	4.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000192	5.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000347	9.96E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.96E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000111	3.19E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.00008	2.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000765	2.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000878	2.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000948	2.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000289	8.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000157	4.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000186	5.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000163	4.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000499	1.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.00022	6.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000208	5.97E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000248	7.12E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000335	9.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.61E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000455	-1.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.000077	-2.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.00034	-9.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000429	-1.23E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000138	-3.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.00000458	-1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000691	-1.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000765	-2.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000218	6.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.06E-04	8.78E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.78E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000157	4.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000346	-9.93E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.93E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000251	-7.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.20E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000109	3.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000812	2.33E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000895	2.57E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000152	4.36E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000155	4.45E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000165	4.73E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000193	5.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.0000019	5.45E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000773	2.22E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000112	3.21E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000138	3.96E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.96E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000631	1.81E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000647	-1.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000107	3.07E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000237	6.80E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000144	4.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000127	3.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000173	4.96E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000165	-4.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000204	-5.85E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.85E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000314	9.01E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000121	3.47E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000211	6.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.05E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000222	6.37E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000634	1.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000721	2.07E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000113	3.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000118	3.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000423	1.21E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000409	1.17E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000393	1.13E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000852	2.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000196	-5.62E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.62E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000167	4.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000165	4.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000384	1.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000164	4.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000254	7.29E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.29E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000199	5.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.00005	1.43E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000869	2.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000498	1.43E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000462	1.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000821	2.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000191	5.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000901	2.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000689	1.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000162	4.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0105	3.64E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.00839	2.91E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00642	2.23E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.00679	2.36E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.00587	2.04E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0121	4.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.0181	6.28E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.000921	-3.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-07	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0314	1.09E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0189	6.56E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00491	1.70E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000645	2.24E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0517	-1.79E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0243	-8.43E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0139	-4.82E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.82E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.00116	-4.02E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00773	2.68E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0146	5.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0628	2.18E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0316	1.10E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-05	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.016	5.55E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0197	6.83E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0159	5.51E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0302	1.05E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0453	1.57E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0926	3.21E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.185	6.42E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0351	1.22E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.00469	1.63E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.0142	4.93E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0172	5.97E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0318	1.10E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.011	3.82E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0159	5.51E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.000641	2.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0346	1.20E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0671	2.33E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0232	8.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.05E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.164	5.69E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0267	9.26E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000603	2.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000417	1.45E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000646	2.24E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.000859	2.98E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00134	4.65E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00224	7.77E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00263	9.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00211	7.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.32E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00325	1.13E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.00068	2.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.000737	2.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00147	5.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0151	5.24E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00145	5.03E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00243	8.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0418	1.45E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00635	2.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00416	1.44E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0242	8.39E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0241	8.36E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.00959	3.33E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.00971	3.37E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.0037	1.28E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00339	1.18E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000754	2.62E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00294	1.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.000821	2.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.024	8.32E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00727	2.52E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00262	9.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.09E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00115	-3.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.00924	3.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0326	1.13E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0523	1.81E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.00973	3.37E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00744	2.58E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00417	1.45E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00579	2.01E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00456	1.58E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00645	2.24E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000813	2.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00537	1.86E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00352	1.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00353	1.22E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00109	3.78E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00163	5.65E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00164	5.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00289	1.00E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.000998	1.89E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000936	1.77E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00122	2.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00138	2.61E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00126	2.38E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00405	7.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00534	1.01E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00354	6.70E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00476	9.01E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00314	5.94E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00192	3.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.0015	2.84E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000929	1.76E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000173	3.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000573	1.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000922	1.74E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00105	1.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0013	2.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00289	5.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00468	8.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.85E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00793	1.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0168	3.18E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00566	1.07E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00584	1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00577	1.09E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00553	1.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00572	1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00325	6.15E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00251	4.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00105	1.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000629	1.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00167	3.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.0012	2.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00388	7.34E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00436	8.25E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000428	8.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00141	2.67E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0133	2.52E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00483	9.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.00081	1.53E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000106	2.01E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000667	1.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000986	1.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000206	3.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000232	4.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000333	6.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000473	8.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.95E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000559	1.06E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000671	1.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000142	2.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000167	3.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000381	7.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00378	7.15E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000345	6.53E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.00072	1.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00665	1.26E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000747	1.41E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000188	3.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00117	2.21E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00181	3.42E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00316	5.98E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00243	4.60E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00124	2.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00127	2.40E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000239	4.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000911	1.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000355	6.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00573	1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00134	2.54E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00323	6.11E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000492	-9.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.31E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000887	1.68E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00341	6.45E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.45E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00409	7.74E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.74E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.0031	5.86E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00172	3.25E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00101	1.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00144	2.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.0012	2.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00198	3.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000383	7.25E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00202	3.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00116	2.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000895	1.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000407	7.70E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000348	6.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00085	1.61E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000697	1.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00176	5.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00185	5.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00292	9.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00331	1.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00303	9.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.01	3.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0132	4.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00834	2.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0117	3.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00762	2.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00445	1.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00327	1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00123	3.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00191	-6.02E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000133	4.19E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00136	4.29E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00174	5.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.49E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00244	7.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.69E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00599	1.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0107	3.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0182	5.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0407	1.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.00915	2.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0105	3.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.00983	3.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00911	2.87E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.011	3.47E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.21E-03	1.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	1.94E-03	6.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-2.46E-03	-7.76E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.76E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.21E-03	-3.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.56E-03	8.07E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.75E-03	8.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.67E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	9.37E-03	2.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.04E-02	3.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00114	-3.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.59E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.99E-03	6.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.18E-02	1.00E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.79E-03	2.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00206	-6.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.39E-04	7.54E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.54E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000149	4.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000219	6.91E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000472	1.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000526	1.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000731	2.30E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00109	3.44E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00133	4.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00159	5.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000328	1.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000387	1.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	9.01E-04	2.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00914	2.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	8.05E-04	2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00168	5.30E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0153	4.82E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000973	3.07E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00104	-3.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000205	6.46E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.46E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.001	3.15E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.0062	1.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00502	1.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00297	9.36E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00303	9.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00055	1.73E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00208	6.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000802	2.53E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0135	4.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000572	1.80E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00494	1.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00394	-1.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00156	4.92E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00745	2.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00943	2.97E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00698	2.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00401	1.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.0024	7.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00341	1.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00287	9.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.05E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00471	1.49E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000885	2.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.0048	1.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00262	8.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00166	5.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000875	2.76E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000809	2.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00166	5.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00162	5.11E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00885	-2.79E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00567	-1.79E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00103	-3.25E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.000863	-2.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00072	-2.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00103	3.25E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00106	3.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00438	-1.38E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.000946	2.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00101	-3.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00343	-1.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00524	-1.65E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0134	-4.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0249	-7.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.85E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0163	-5.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0115	-3.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0108	-3.41E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0094	-2.96E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0141	-4.45E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0102	-3.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.016	-5.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00593	-1.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0606	-1.91E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0494	-1.56E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0553	-1.74E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0571	-1.80E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.039	-1.23E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0483	-1.52E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0538	-1.70E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0642	-2.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0351	-1.11E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-06	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0196	-6.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.18E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00255	-8.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.04E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.07E-03	-6.53E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.19E-03	-1.01E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-2.80E-02	-8.83E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.83E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-1.89E-02	-5.96E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.09E-02	-3.44E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-3.91E-02	-1.23E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-5.18E-02	-1.63E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-2.68E-04	-8.45E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.45E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-1.94E-04	-6.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-2.91E-04	-9.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.18E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-4.38E-04	-1.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-5.52E-04	-1.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.10E-03	-3.47E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-8.51E-04	-2.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-6.03E-04	-1.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-7.60E-04	-2.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-2.63E-04	-8.29E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.29E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-2.89E-04	-9.11E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.11E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-4.53E-04	-1.43E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-1.92E-03	-6.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-5.28E-04	-1.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.13E-03	-3.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.28E-02	-4.04E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.10E-02	-3.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-1.92E-02	-6.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-3.41E-02	-1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-4.40E-02	-1.39E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-1.98E-02	-6.24E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.24E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.20E-02	-3.78E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-8.07E-04	-2.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.01E-03	-3.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-4.68E-04	-1.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-1.99E-03	-6.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.27E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-8.87E-04	-2.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-7.87E-03	-2.48E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.48E-02	-1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-3.82E-02	-1.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.49E-02	-1.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-7.83E-03	-2.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.16E-02	-3.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-7.63E-03	-2.41E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-7.89E-03	-2.49E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-2.80E-03	-8.83E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.83E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.19E-03	-3.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.61E-03	-5.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.05E-03	-3.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.11E-03	-6.65E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.65E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-6.87E-04	-2.17E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-1.96E-03	-6.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.18E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-2.79E-03	-8.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.80E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-6.84E-03	-2.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.57E-03	-4.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-5.71E-04	-1.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-5.41E-03	-1.71E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.22E-03	-3.85E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-2.85E-03	-7.82E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.82E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-1.88E-03	-5.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.16E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-5.47E-04	-1.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-5.28E-04	-1.45E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-4.62E-04	-1.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-4.82E-04	-1.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-7.26E-04	-1.99E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.99E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.01E-03	-5.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.51E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-6.47E-04	-1.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-9.18E-04	-2.52E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.41E-03	-3.87E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-1.87E-03	-5.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00419	-1.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00748	-2.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.005	-1.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00363	-9.96E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.96E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00345	-9.46E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00307	-8.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.42E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.0048	-1.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00398	-1.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00633	-1.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00506	-1.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0193	-5.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.29E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.016	-4.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.39E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0177	-4.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0182	-4.99E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0128	-3.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0151	-4.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0166	-4.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.55E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0195	-5.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.35E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0107	-2.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00621	-1.70E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000998	-2.74E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00138	-3.79E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00181	-4.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00847	-2.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00595	-1.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00588	-1.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0127	-3.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.48E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0157	-4.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000101	-2.77E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000712	-1.95E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000107	-2.94E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000172	-4.72E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000211	-5.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.79E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000395	-1.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000348	-9.55E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.55E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.00029	-7.96E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.96E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000359	-9.85E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.85E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000107	-2.94E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000119	-3.26E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00021	-5.76E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.76E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.32E-03	-3.62E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.26E-04	-6.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.20E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-4.80E-04	-1.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-5.15E-03	-1.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00344	-9.44E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.44E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00579	-1.59E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0104	-2.85E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0136	-3.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00656	-1.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.06E-03	-1.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-4.83E-04	-1.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000551	-1.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000187	-5.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000774	-2.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000336	-9.22E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.22E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00348	-9.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.55E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0107	-2.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0121	-3.32E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0104	-2.85E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00252	-6.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.91E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00415	-1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00309	-8.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.48E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00297	-8.15E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.15E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00118	-3.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000554	-1.52E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000763	-2.09E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000549	-1.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.02E-03	-2.80E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-2.81E-04	-7.71E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.71E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.000982	-2.69E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00106	-2.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00223	-6.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-5.52E-04	-1.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.39E-04	-6.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.56E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-1.79E-03	-4.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.91E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000501	-1.37E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00627	4.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00615	4.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00869	5.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00982	6.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00898	5.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0292	1.93E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0385	2.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.025	1.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0343	2.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0225	1.49E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0135	8.94E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.94E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0102	6.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.75E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.0053	3.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00245	-1.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00244	1.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00544	3.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00647	4.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00835	5.53E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.93E-02	1.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0326	2.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0554	3.67E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.12	7.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.45E-02	2.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0369	2.44E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	3.58E-02	2.37E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.39E-02	2.24E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0371	2.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0184	1.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0125	8.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.28E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.000885	5.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.000889	5.89E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.89E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00998	6.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00837	5.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0277	1.83E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.031	2.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000185	1.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0082	5.43E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0945	6.26E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0307	2.03E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000474	3.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000734	4.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.00046	3.05E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000679	4.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.44E-03	9.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.54E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00161	1.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00228	1.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00331	2.19E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00396	2.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00475	3.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	9.96E-04	6.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00117	7.75E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.0027	1.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.027	1.79E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00243	1.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00506	3.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0465	3.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00424	2.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000632	-4.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00489	3.238E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.238E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00848	5.6151E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6151E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0207	1.3707E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3707E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0162	1.0727E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0727E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0088	5.827E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.827E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.009	5.9594E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9594E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00167	1.1058E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1058E-08	0	0	0

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00635	4.2047E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2047E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00246	1.6289E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6289E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0404	2.6751E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6751E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00605	4.0061E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0061E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0193	1.278E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.278E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00715	-4.7344E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7344E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00557	3.6882E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6882E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0233	1.5428E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5428E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0286	1.8938E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8938E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0215	1.4236E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4236E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0121	8.0121E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0121E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00717	4.7477E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7477E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0102	6.754E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.754E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00855	5.6615E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6615E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0141	9.3364E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3364E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00268	1.7746E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7746E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0143	9.4689E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4689E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00804	5.3238E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3238E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00573	3.7942E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7942E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00276	1.8276E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8276E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00244	1.6157E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6157E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00555	3.675E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.675E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00489	3.238E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.238E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.00000194	2.141E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.141E-12	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.00000163	1.7989E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7989E-12	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.00000143	1.5781E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5781E-12	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.00000111	1.225E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.225E-12	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.00000107	1.1808E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1808E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.00000143	1.5781E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5781E-12	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.00000167	1.843E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.843E-12	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.00000853	9.4137E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4137E-12	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.00000508	5.6063E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6063E-12	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.00000357	3.9398E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9398E-12	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.00000234	2.5824E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5824E-12	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.00000183	2.0196E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0196E-12	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.00000107	1.1808E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1808E-12	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.000000833	9.193E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.193E-13	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.000000516	5.6946E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6946E-13	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.000000556	6.136E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.136E-13	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.000000675	7.4493E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4493E-13	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.000000913	1.0076E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0076E-12	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.00000151	1.6664E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6664E-12	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.00000202	2.2293E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2293E-12	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.00000254	2.8031E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8031E-12	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.00000365	4.0281E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0281E-12	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.00000603	6.6547E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6547E-12	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0000202	2.2293E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2293E-11	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.0000416	4.591E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.591E-11	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000072	7.9459E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.9459E-11	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.00000401	4.4254E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4254E-12	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.00000282	3.1121E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1121E-12	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.00000183	2.0196E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0196E-12	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.00000341	3.7633E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7633E-12	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.0000106	1.1698E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1698E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.00000111	1.225E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.225E-12	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0000104	1.1477E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1477E-11	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.0000131	1.4457E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4457E-11	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.000000317	3.4984E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4984E-13	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.000000159	1.7547E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7547E-13	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.000000238	2.6266E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6266E-13	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.000000357	3.9398E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9398E-13	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.000000754	8.3211E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3211E-13	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.00000103	1.1367E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1367E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000000714	7.8797E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-13	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.000000794	8.7626E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7626E-13	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.000000397	4.3813E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3813E-13	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.000000357	3.9398E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9398E-13	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.000000357	3.9398E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9398E-13	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.00000317	3.4984E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4984E-12	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.000000714	7.8797E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-13	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.00000234	2.5824E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5824E-12	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.00000202	2.2293E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2293E-12	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.00000206	2.2734E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2734E-12	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.00000603	6.6547E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6547E-12	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.0000524	5.7829E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7829E-11	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.000000992	1.0948E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0948E-12	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.00000111	1.225E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.225E-12	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.000000357	3.9398E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9398E-13	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.000000357	3.9398E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9398E-13	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.000000238	2.6266E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6266E-13	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.000000794	8.7626E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7626E-13	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.000000278	3.068E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.068E-13	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.00000151	1.6664E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6664E-12	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.000000595	6.5664E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5664E-13	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.000000794	8.7626E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7626E-13	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000000516	5.6946E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6946E-13	0	0	0
1040	1142	615	75092	Methylene Chlor	0.000000397	4.3813E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3813E-13	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.00000905	9.9876E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9876E-12	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.00000639	7.052E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.052E-12	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.000000794	8.7626E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7626E-13	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.000000873	9.6344E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6344E-13	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000000516	5.6946E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6946E-13	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.000000675	7.4493E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4493E-13	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.000000476	5.2531E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-13	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.000000556	6.136E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.136E-13	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.000000278	3.068E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.068E-13	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.000000437	4.8227E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8227E-13	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.000000397	4.3813E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3813E-13	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000000437	4.8227E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8227E-13	0	0	0
1053	2400	240	75092	Methylene Chlor	0.000000317	3.4984E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4984E-13	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.000000159	1.7547E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7547E-13	0	0	0
1055	900	935	75092	Methylene Chlor	0.000000675	7.4493E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4493E-13	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000000476	5.2531E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-13	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000464	-1.7557E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7557E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000226	-8.5513E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5513E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000213	8.0594E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0594E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000264	9.9891E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9891E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000246	9.3081E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3081E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00106	4.0108E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0108E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00137	5.1838E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1838E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000504	1.907E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.907E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00122	4.6162E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6162E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000676	2.5578E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5578E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.00019	7.1892E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1892E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000559	-2.1151E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1151E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000841	-3.1821E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1821E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00198	-7.4919E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.4919E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00116	-4.3892E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3892E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000695	-2.6297E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6297E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000606	-2.293E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.293E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000436	-1.6497E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6497E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000426	-1.6119E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6119E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000315	1.1919E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1919E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000643	2.433E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.433E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00358	1.3546E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3546E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00346	-1.3092E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3092E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00253	-9.5729E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.5729E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00301	-1.1389E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1389E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00321	-1.2146E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2146E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00172	-6.5081E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.5081E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00306	-1.1578E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1578E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00368	-1.3924E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3924E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00487	-1.8427E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8427E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00265	-1.0027E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0027E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00116	-4.3892E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3892E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.0000868	3.2843E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2843E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000772	2.9211E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9211E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000797	3.0157E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0157E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00212	-8.0216E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.0216E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00117	-4.427E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.427E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00234	8.854E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.854E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00195	-7.3783E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3783E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00393	-1.487E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.487E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000421	1.593E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.593E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000645	2.4405E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4405E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000592	2.24E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000149	5.6378E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6378E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000119	4.5027E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5027E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000747	-2.8265E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8265E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000463	1.7519E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7519E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000869	3.2881E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2881E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000101	3.8216E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8216E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000134	5.0702E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0702E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000173	6.5459E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5459E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000056	2.1189E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1189E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.00076	2.8757E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8757E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000412	1.5589E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5589E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000837	3.167E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.167E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000582	2.2022E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2022E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000696	-2.6335E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6335E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00148	-0.000000056	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-0.000000056	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00243	-9.1945E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1945E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00307	-1.1616E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1616E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000816	-3.0876E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0876E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000368	-1.3924E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3924E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000234	8.854E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.854E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000225	8.5135E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5135E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000204	7.7189E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7189E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000615	2.327E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.327E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.000015	5.6756E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6756E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000757	2.8643E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8643E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00245	-9.2702E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2702E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00226	-8.5513E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5513E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.0029	-1.0973E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0973E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.00041	-1.5513E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5513E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000104	-3.9351E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9351E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000379	1.434E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.434E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000119	4.5027E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5027E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000193	7.3027E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3027E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.00015	5.6756E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6756E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.00022	8.3243E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3243E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000207	7.8324E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8324E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000311	1.1768E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1768E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000376	1.4227E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4227E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000331	1.2524E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2524E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000569	2.153E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.153E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000329	-1.2449E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2449E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000274	-1.0368E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0368E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000384	1.453E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.453E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000226	-8.5513E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5513E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000714	2.7016E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7016E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0162	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00985	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00142	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0013	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0012	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.00211	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00295	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00293	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0127	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00988	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00728	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:20:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00782	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00508	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.037	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0268	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0277	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0344	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0394	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.128	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0677	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0742	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0652	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.203	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.088	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0834	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.108	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.165	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.192	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0241	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.135	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0165	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0551	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000237	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00164	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.0000464	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.101	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.137	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0636	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00483	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0916	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000602	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000428	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000527	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000775	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000963	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00122	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00139	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00118	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.000968	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000614	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000725	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.00058	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00161	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.000731	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.0015	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.066	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0541	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.0048	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0596	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.072	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.132	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0509	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00926	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.00948	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00249	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00337	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00443	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0524	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.169	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.161	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.158	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0338	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000422	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0176	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0698	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0174	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.0076	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0117	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00913	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0217	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00344	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0211	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0192	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0331	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00739	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00389	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0143	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.0064	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-1.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.54E-10	-1.33E-09	-1.98E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-10	-9.00E-10	-1.34E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-8.94E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-11	-6.00E-11	-8.92E-12	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-1.30E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-11	-8.76E-11	-1.30E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-1.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-11	-8.12E-11	-1.21E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-3.20E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.33E-11	-2.15E-10	-3.19E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-5.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-10	-3.71E-10	-5.51E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-10	-6.98E-10	-1.04E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	1.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-11	1.23E-10	1.83E-11	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	3.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-11	2.39E-10	3.55E-11	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	6.20E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	4.16E-10	6.19E-11	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	9.35E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-10	6.28E-10	9.33E-11	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	2.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-10	1.73E-09	2.58E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	6.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	4.16E-09	6.19E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	4.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	3.00E-09	4.45E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	4.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-10	2.73E-09	4.05E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	4.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	2.96E-09	4.40E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	4.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	3.04E-09	4.52E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	1.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	8.76E-09	1.30E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	7.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	4.87E-09	7.23E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	9.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-09	6.19E-09	9.19E-10	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	8.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	5.42E-09	8.05E-10	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	2.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	1.63E-08	2.42E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	7.29E-09	1.08E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	6.86E-09	1.02E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-09	7.63E-09	1.13E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	1.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-09	9.06E-09	1.35E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-09	-1.45E-08	-2.15E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-4.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-09	-3.04E-09	-4.52E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-1.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-09	-1.14E-08	-1.69E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-2.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-10	-1.47E-09	-2.18E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-6.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-09	-4.59E-09	-6.82E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-4.33E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-11	-2.91E-10	-4.32E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-7.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-10	-5.27E-10	-7.83E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-7.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-10	-4.72E-10	-7.01E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	9.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	6.28E-09	9.33E-10	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	1.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-09	9.19E-09	1.36E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	7.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	5.18E-09	7.69E-10	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-3.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.16E-10	-2.39E-09	-3.56E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	-8.91E-09	-1.32E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	3.65E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-12	2.45E-11	3.64E-12	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	2.96E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-12	1.99E-11	2.95E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	2.71E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-12	1.82E-11	2.70E-12	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	5.75E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-11	3.86E-11	5.73E-12	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	4.12E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-12	2.77E-11	4.11E-12	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	2.42E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-12	1.63E-11	2.42E-12	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	3.22E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-12	2.16E-11	3.21E-12	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	5.06E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-11	3.40E-11	5.05E-12	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-2.84E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.49E-12	-1.90E-11	-2.83E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	3.79E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.68E-12	2.54E-11	3.78E-12	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	5.06E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-11	3.40E-11	5.05E-12	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-1.94E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-13	-1.30E-12	-1.94E-13	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-7.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-10	-4.96E-10	-7.37E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	2.18E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-12	1.47E-11	2.18E-12	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	6.11E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-11	4.10E-11	6.10E-12	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	6.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	4.20E-09	6.23E-10	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	5.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	4.01E-09	5.96E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	1.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-10	7.10E-10	1.06E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-8.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-09	-5.91E-09	-8.78E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-09	-7.47E-09	-1.11E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-09	9.98E-09	1.48E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	5.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	3.80E-09	5.64E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	9.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	6.46E-10	9.60E-11	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	6.98E-10	1.04E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	3.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-11	2.12E-10	3.15E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	3.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-11	2.06E-10	3.06E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	5.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	3.80E-10	5.64E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	5.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	3.55E-09	5.28E-10	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	2.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-09	1.41E-08	2.09E-09	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	2.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.67E-09	1.37E-08	2.03E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	1.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-09	1.30E-08	1.93E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	4.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.70E-10	2.85E-09	4.23E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-1.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-10	-1.21E-09	-1.79E-10	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-2.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.00E-11	-1.76E-10	-2.62E-11	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	7.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-09	5.21E-09	7.73E-10	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	1.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-10	1.14E-09	1.70E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	7.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-10	4.72E-10	7.01E-11	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	1.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-10	7.38E-10	1.10E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	8.67E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-10	5.82E-10	8.64E-11	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	2.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-10	1.54E-09	2.28E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	4.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-11	2.89E-10	4.30E-11	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	2.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-10	1.57E-09	2.33E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	2.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-10	1.49E-09	2.21E-10	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	4.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.20E-10	2.70E-09	4.01E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	9.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	6.52E-10	9.69E-11	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	4.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.51E-11	2.79E-10	4.14E-11	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	4.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	3.15E-09	4.69E-10	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	8.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-10	5.45E-10	8.10E-11	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.49E-06	-1.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-07	-3.56E-09	-1.76E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.25E-06	-1.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.98E-08	-2.30E-09	-1.14E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.30E-07	5.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-09	1.33E-10	6.57E-12	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	8.70E-08	3.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-09	8.88E-11	4.40E-12	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	5.36E-08	2.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	5.47E-11	2.71E-12	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-6.62E-09	-3.01E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-10	-6.76E-12	-3.35E-13	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	3.13E-08	1.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	3.20E-11	1.58E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.06E-06	-4.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-08	-1.08E-09	-5.36E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.83E-06	8.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-08	1.87E-09	9.25E-11	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.59E-06	7.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-08	1.62E-09	8.04E-11	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.59E-06	7.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-08	1.62E-09	8.04E-11	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.98E-06	9.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-08	2.02E-09	1.00E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.91E-06	1.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-07	3.99E-09	1.98E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.07E-05	4.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-07	1.09E-08	5.41E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.80E-06	3.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-07	7.96E-09	3.94E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.38E-06	3.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-07	7.53E-09	3.73E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.31E-06	3.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	8.48E-09	4.20E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.85E-06	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-07	9.03E-09	4.47E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.60E-05	1.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	2.65E-08	1.31E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.46E-05	6.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	1.49E-08	7.38E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.78E-05	8.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-07	1.82E-08	9.00E-10	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.65E-05	7.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.32E-07	1.68E-08	8.34E-10	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.61E-05	2.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-06	4.71E-08	2.33E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.10E-05	9.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-07	2.14E-08	1.06E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.99E-05	9.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-07	2.03E-08	1.01E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.29E-05	1.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	2.34E-08	1.16E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.95E-05	1.34E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-06	3.01E-08	1.49E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.01E-05	-1.82E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-06	-4.09E-08	-2.03E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.85E-06	-3.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-07	-6.99E-09	-3.46E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.05E-05	-1.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-06	-3.11E-08	-1.54E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.64E-06	-1.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-07	-3.72E-09	-1.84E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.23E-05	-5.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-07	-1.26E-08	-6.22E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-3.84E-07	-1.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	-3.92E-10	-1.94E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-4.08E-07	-1.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	-4.16E-10	-2.06E-11	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-2.81E-07	-1.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-08	-2.87E-10	-1.42E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.93E-05	8.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-07	1.97E-08	9.76E-10	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.73E-05	1.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-06	2.79E-08	1.38E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.58E-05	7.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-07	1.61E-08	7.99E-10	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-3.46E-06	-1.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-07	-3.53E-09	-1.75E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.28E-05	-1.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-06	-2.33E-08	-1.15E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.08E-07	4.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-09	1.10E-10	5.46E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	8.16E-08	3.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-09	8.33E-11	4.13E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	9.12E-08	4.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-09	9.31E-11	4.61E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.58E-07	7.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-09	1.61E-10	7.99E-12	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.58E-07	7.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-09	1.61E-10	7.99E-12	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	1.74E-07	7.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-09	1.78E-10	8.80E-12	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	2.09E-07	9.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-09	2.13E-10	1.06E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	2.26E-07	1.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	2.31E-10	1.14E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	1.12E-07	5.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-09	1.14E-10	5.66E-12	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.14E-07	5.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-09	1.16E-10	5.76E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.39E-07	6.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-09	1.42E-10	7.03E-12	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	8.08E-08	3.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-09	8.25E-11	4.08E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-3.73E-07	-1.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	-3.81E-10	-1.89E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.19E-07	5.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-09	1.21E-10	6.02E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.67E-07	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	2.73E-10	1.35E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.34E-05	6.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-07	1.37E-08	6.77E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.15E-05	5.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-07	1.17E-08	5.81E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.84E-06	8.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.16E-08	1.88E-09	9.30E-11	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.50E-05	-6.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.66E-07	-1.53E-08	-7.58E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.87E-05	-8.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.30E-07	-1.91E-08	-9.45E-10	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.86E-05	1.30E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-06	2.92E-08	1.45E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.11E-05	5.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-07	1.13E-08	5.61E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.03E-06	9.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-08	2.07E-09	1.03E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.16E-06	9.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-08	2.20E-09	1.09E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.13E-07	2.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	6.26E-10	3.10E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	7.45E-07	3.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-08	7.60E-10	3.77E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.09E-06	4.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-08	1.11E-09	5.51E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.11E-05	5.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-07	1.13E-08	5.61E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.88E-05	1.76E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	3.96E-08	1.96E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.78E-05	1.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-06	3.86E-08	1.91E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.58E-05	1.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	3.65E-08	1.81E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	7.97E-06	3.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-07	8.14E-09	4.03E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.81E-06	-8.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.03E-08	-1.85E-09	-9.15E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	1.38E-06	6.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-08	1.41E-09	6.98E-11	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.51E-05	6.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-07	1.54E-08	7.63E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.59E-06	1.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	3.66E-09	1.81E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.55E-06	7.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-08	1.58E-09	7.84E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.39E-06	1.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	2.44E-09	1.21E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.89E-06	8.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-08	1.93E-09	9.55E-11	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.68E-06	2.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	4.78E-09	2.37E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.48E-07	3.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-08	8.66E-10	4.29E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.72E-06	2.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-07	4.82E-09	2.39E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.33E-06	1.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-07	4.42E-09	2.19E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	7.59E-06	3.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-07	7.75E-09	3.84E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.82E-06	8.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-08	1.86E-09	9.20E-11	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.58E-07	3.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-08	8.76E-10	4.34E-11	0.00E+00
263	900	935	18540299	Cr(VI)	7.21E-06	3.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-07	7.36E-09	3.64E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.59E-06	7.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-08	1.62E-09	8.04E-11	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-6.00E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.29E-12	-3.94E-11	-2.93E-12	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-3.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.57E-12	-2.17E-11	-1.61E-12	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	2.86E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-12	1.87E-11	1.39E-12	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	3.07E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-12	2.01E-11	1.50E-12	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	2.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-12	1.46E-11	1.09E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	4.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-12	2.78E-11	2.06E-12	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	9.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-11	6.09E-11	4.52E-12	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	5.53E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-12	3.63E-11	2.69E-12	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	1.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-11	1.13E-10	8.37E-12	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	1.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-11	7.93E-11	5.89E-12	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	9.65E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-11	6.33E-11	4.71E-12	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	1.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	6.68E-11	4.96E-12	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	1.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-11	1.21E-10	8.99E-12	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	3.57E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-11	2.34E-10	1.74E-11	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	2.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-11	1.80E-10	1.34E-11	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	2.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-11	1.71E-10	1.27E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	2.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-11	1.87E-10	1.39E-11	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	2.99E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-11	1.96E-10	1.46E-11	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	7.46E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	4.89E-10	3.64E-11	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	5.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-11	3.28E-10	2.44E-11	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	6.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-11	4.29E-10	3.18E-11	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	7.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	5.02E-10	3.73E-11	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	9.48E-10	7.04E-11	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	7.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	5.08E-10	3.78E-11	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	7.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-10	4.86E-10	3.61E-11	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	7.80E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	5.12E-10	3.80E-11	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	8.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	5.64E-10	4.19E-11	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-9.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-10	-5.95E-10	-4.42E-11	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-8.41E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-11	-5.52E-11	-4.10E-12	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-7.14E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.87E-11	-4.69E-10	-3.48E-11	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-4.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-12	-2.83E-11	-2.10E-12	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-2.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.80E-11	-1.80E-10	-1.34E-11	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	1.34E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-12	8.82E-12	6.55E-13	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	6.93E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-12	4.55E-11	3.38E-12	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	1.04E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-11	6.84E-11	5.08E-12	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	5.50E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.60E-11	3.61E-10	2.68E-11	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	7.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	5.02E-10	3.73E-11	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	7.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	4.77E-10	3.55E-11	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-7.06E-13	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-14	-4.63E-13	-3.44E-14	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-5.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.71E-11	-3.66E-10	-2.72E-11	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	6.19E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-13	4.06E-12	3.02E-13	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	4.68E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-13	3.07E-12	2.28E-13	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	5.90E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-13	3.87E-12	2.87E-13	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	9.92E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-12	6.51E-12	4.83E-13	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	1.08E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-12	7.10E-12	5.27E-13	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	1.44E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-12	9.42E-12	7.00E-13	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	1.77E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-12	1.16E-11	8.64E-13	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	2.04E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-12	1.34E-11	9.94E-13	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	1.69E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-12	1.11E-11	8.24E-13	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	6.98E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-13	4.58E-12	3.40E-13	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	8.12E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-12	5.33E-12	3.96E-13	1.28E-12

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	9.65E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-12	6.33E-12	4.71E-13	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	6.74E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-12	4.43E-11	3.29E-12	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	1.03E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-12	6.77E-12	5.03E-13	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	2.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-12	1.46E-11	1.09E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	5.05E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-11	3.31E-10	2.46E-11	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	3.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-11	2.17E-10	1.61E-11	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	8.68E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-11	5.69E-11	4.23E-12	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-3.57E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-11	-2.34E-10	-1.74E-11	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-4.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.07E-11	-2.88E-10	-2.14E-11	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	8.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.54E-10	4.11E-11	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	3.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	2.38E-10	1.77E-11	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	8.38E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-11	5.50E-11	4.09E-12	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	9.07E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	5.95E-11	4.42E-12	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	2.39E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-12	1.57E-11	1.17E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	4.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-12	2.78E-11	2.06E-12	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	4.07E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-12	2.67E-11	1.99E-12	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	4.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-11	2.74E-10	2.04E-11	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-10	7.44E-10	5.53E-11	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	1.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	7.50E-10	5.57E-11	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	1.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-10	6.58E-10	4.89E-11	1.57E-10
336	1142	615	7439921	Lead	0.00000984	2.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-11	1.71E-10	1.27E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	1.63E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-12	1.07E-11	7.93E-13	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	1.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	6.68E-11	4.96E-12	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	4.73E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-11	3.11E-10	2.31E-11	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	1.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-11	8.82E-11	6.55E-12	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	6.43E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-12	4.22E-11	3.13E-12	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	9.50E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	6.23E-11	4.63E-12	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	7.67E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-11	5.03E-11	3.74E-12	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	1.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-11	1.11E-10	8.24E-12	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	3.44E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-12	2.26E-11	1.68E-12	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	1.76E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-11	1.15E-10	8.57E-12	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	1.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-11	9.87E-11	7.34E-12	2.36E-11
348	1577	291	7439921	Lead	0.00000896	2.37E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-11	1.55E-10	1.16E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	6.35E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.77E-12	4.16E-11	3.09E-12	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	3.36E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-12	2.20E-11	1.64E-12	5.28E-12
351	900	935	7439921	Lead	0.0000104	2.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-11	1.80E-10	1.34E-11	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	6.61E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-12	4.34E-11	3.22E-12	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000498	-3.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000321	-2.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000707	5.60E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-11	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-3.81E-08	-3.02E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-12	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-3.11E-08	-2.46E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-12	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000156	-1.24E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000362	-2.87E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000184	-1.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000199	1.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000185	1.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000186	1.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000237	1.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000428	3.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000136	1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000987	7.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000944	7.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000108	8.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-09	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000117	9.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-09	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000356	2.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000193	1.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000229	1.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000201	1.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000615	4.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000271	2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000256	2.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000305	2.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000413	3.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000562	-4.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.0000961	-7.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.61E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000421	-3.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.000053	-4.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000171	-1.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000057	-4.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-10	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000862	-6.82E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.82E-10	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000974	-7.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.71E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000269	2.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.77E-04	2.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000194	1.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000429	-3.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00031	-2.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.45E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000133	1.05E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000997	7.89E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.89E-11	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.0000011	8.71E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-11	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000186	1.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000189	1.50E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000201	1.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000235	1.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000232	1.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000931	7.37E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-11	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000137	1.08E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000169	1.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000767	6.07E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000807	-6.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.39E-10	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.0000013	1.03E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000029	2.30E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000177	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000157	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000213	1.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000204	-1.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000253	-2.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000387	3.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000149	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.000026	2.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000274	2.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000781	6.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000887	7.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000139	1.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000145	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000522	4.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000504	3.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000485	3.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000105	8.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.31E-09	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000244	-1.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000204	1.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000203	1.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000474	3.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000202	1.60E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000313	2.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000245	1.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000616	4.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000107	8.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-10	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000614	4.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000057	4.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000101	8.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000236	1.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000111	8.79E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-10	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000085	6.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.73E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.00002	1.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0128	1.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0103	9.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.86E-07	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00786	7.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-07	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.00832	7.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-07	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0072	6.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.89E-07	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0148	1.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.0223	2.13E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.00152	-1.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-07	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0385	3.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0231	2.21E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00596	5.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-07	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000723	6.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-08	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0638	-6.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.03	-2.87E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0172	-1.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.00145	-1.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00951	9.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.018	1.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0775	7.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0389	3.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0197	1.89E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0243	2.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0196	1.88E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0372	3.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0557	5.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.114	1.09E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.228	2.18E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0426	4.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.00467	4.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-07	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.0161	1.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0211	2.02E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0391	3.74E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0135	1.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0194	1.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.000279	2.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	4.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0827	7.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0286	2.74E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.202	1.93E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0325	3.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000733	7.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000507	4.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000788	7.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.54E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00104	9.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.95E-08	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00163	1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00273	2.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00321	3.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00257	2.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00398	3.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000826	7.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.000893	8.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-08	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.0018	1.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0185	1.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00177	1.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00297	2.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0514	4.92E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-06	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00776	7.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.43E-07	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00506	4.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-07	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0297	2.84E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0287	2.75E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0118	1.13E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0119	1.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00455	4.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00416	3.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000921	8.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.81E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00359	3.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.001	9.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-08	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0296	2.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00894	8.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-07	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00319	3.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00144	-1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0114	1.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0399	3.82E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0643	6.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.012	1.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00914	8.75E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.75E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00512	4.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00711	6.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.0056	5.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00794	7.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.60E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000991	9.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-08	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00661	6.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00433	4.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00433	4.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00133	1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00201	1.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.002	1.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00355	3.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00123	6.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00115	6.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00151	7.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.0017	8.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00155	8.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.09E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00499	2.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00658	3.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00436	2.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00587	3.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00387	2.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00237	1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00185	9.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.66E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	6.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000214	1.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000707	3.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	5.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.0013	6.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.79E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0016	8.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00357	1.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00578	3.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00978	5.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00698	3.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.0072	3.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00711	3.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00682	3.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00706	3.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00401	2.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00309	1.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00129	6.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.73E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000775	4.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00206	1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00148	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00479	2.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00537	2.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000527	2.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00174	9.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	8.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00595	3.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000999	5.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000131	6.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000822	4.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000122	6.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000255	1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000286	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00041	2.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000583	3.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.00069	3.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000828	4.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000175	9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000206	1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00047	2.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00467	2.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	2.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000888	4.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.0082	4.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000921	4.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000232	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00144	7.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00223	1.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00389	2.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00299	1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	7.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	8.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	1.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	5.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000438	2.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	3.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00165	8.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00398	2.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000607	-3.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00109	5.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.0042	2.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	2.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00382	1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	1.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	6.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	9.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	2.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	7.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.0011	5.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000501	2.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	2.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	5.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	4.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00217	1.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00229	1.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0036	3.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00409	3.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00374	3.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0123	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0163	1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.0103	8.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	1.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	8.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00548	4.77E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00403	3.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00152	1.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00235	-2.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000164	1.43E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00168	1.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00215	1.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00301	2.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00739	6.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0225	1.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0502	4.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0113	9.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0129	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0121	1.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0112	9.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-09	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0136	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	5.20E-03	4.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.40E-03	2.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.03E-03	-2.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.49E-03	-1.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	3.16E-03	2.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.39E-03	2.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.16E-02	1.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.29E-02	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.0014	-1.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.45E-03	2.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	3.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.08E-02	9.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00254	-2.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.95E-04	2.57E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000183	1.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.00027	2.35E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000583	5.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.07E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000648	5.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000901	7.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00135	1.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00163	1.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00196	1.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000405	3.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000477	4.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.11E-03	9.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.66E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0113	9.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.93E-04	8.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.0012	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00128	-1.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000252	2.19E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.00124	1.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00765	6.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00619	5.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	3.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	3.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000679	5.91E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00256	2.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.00099	8.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	1.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000705	6.13E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00609	5.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00485	-4.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00193	1.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00919	8.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	1.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00861	7.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00495	4.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00295	2.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	3.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	3.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.0058	5.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	9.48E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00592	5.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00324	2.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00205	1.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	9.40E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000998	8.68E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.68E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00205	1.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00199	1.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0109	-9.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00699	-6.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.08E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00127	-1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00106	-9.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.22E-09	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000888	-7.73E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.73E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00127	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00131	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.0054	-4.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00117	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00125	-1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00423	-3.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00647	-5.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.63E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0165	-1.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0307	-2.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0201	-1.75E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0142	-1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0133	-1.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0116	-1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0174	-1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0126	-1.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0197	-1.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00731	-6.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.36E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0748	-6.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.51E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0609	-5.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.30E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0682	-5.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.93E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0704	-6.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.048	-4.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0595	-5.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0664	-5.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.78E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0792	-6.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.89E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0433	-3.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0242	-2.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00314	-2.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.55E-03	-2.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.94E-03	-3.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.45E-02	-3.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.33E-02	-2.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.35E-02	-1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.82E-02	-4.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.39E-02	-5.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.56E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.30E-04	-2.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.39E-04	-2.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.08E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.59E-04	-3.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.40E-04	-4.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.81E-04	-5.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.92E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.36E-03	-1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.05E-03	-9.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.14E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-7.43E-04	-6.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-9.37E-04	-8.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.15E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.24E-04	-2.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.56E-04	-3.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-5.58E-04	-4.85E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.85E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.37E-03	-2.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.51E-04	-5.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.39E-03	-1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.58E-02	-1.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.36E-02	-1.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.36E-02	-2.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.20E-02	-3.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.43E-02	-4.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.44E-02	-2.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.48E-02	-1.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.95E-04	-8.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.66E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.25E-03	-1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.77E-04	-5.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.45E-03	-2.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.09E-03	-9.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-09	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.70E-03	-8.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.44E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.29E-02	-3.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.71E-02	-4.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.10E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.30E-02	-3.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.74E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.65E-03	-8.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.40E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-1.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.40E-03	-8.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.73E-03	-8.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.47E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.45E-03	-3.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.46E-03	-1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.98E-03	-1.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.29E-03	-1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.60E-03	-2.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.48E-04	-7.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.38E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.41E-03	-2.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.44E-03	-2.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.44E-03	-7.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.34E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.94E-03	-1.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.04E-04	-6.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.67E-03	-5.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.80E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.50E-03	-1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.51E-03	-2.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.32E-03	-1.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-6.75E-04	-5.11E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.11E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-6.51E-04	-4.93E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.70E-04	-4.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-5.94E-04	-4.50E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.50E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-8.95E-04	-6.77E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.77E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.47E-03	-1.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.98E-04	-6.04E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.04E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.13E-03	-8.55E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.55E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.73E-03	-1.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.30E-03	-1.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00517	-3.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00922	-6.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00616	-4.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00448	-3.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00425	-3.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00379	-2.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00592	-4.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00491	-3.72E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00781	-5.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00624	-4.72E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0238	-1.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0197	-1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0218	-1.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0224	-1.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0158	-1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0186	-1.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0205	-1.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.024	-1.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0131	-9.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-09	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00765	-5.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.79E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00123	-9.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.31E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.0017	-1.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00223	-1.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0104	-7.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00734	-5.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.56E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00725	-5.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0156	-1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0193	-1.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000125	-9.46E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-11	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000878	-6.65E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.65E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000131	-9.92E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-11	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000212	-1.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.00026	-1.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000488	-3.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000429	-3.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000358	-2.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000443	-3.35E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000132	-9.99E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.99E-11	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000147	-1.11E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000259	-1.96E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.62E-03	-1.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.78E-04	-2.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.92E-04	-4.48E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.35E-03	-4.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00425	-3.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00713	-5.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.40E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0129	-9.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-09	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0167	-1.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00809	-6.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.01E-03	-3.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.96E-04	-4.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000679	-5.14E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000231	-1.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000954	-7.22E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.22E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000414	-3.13E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00429	-3.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0132	-9.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.99E-09	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0149	-1.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-9.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.69E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00311	-2.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00512	-3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00381	-2.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00366	-2.77E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00145	-1.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000683	-5.17E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000941	-7.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.12E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000677	-5.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.12E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.26E-03	-9.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.54E-10	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.46E-04	-2.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00121	-9.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.16E-10	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00131	-9.92E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-10	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00275	-2.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.08E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.80E-04	-5.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.15E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.95E-04	-2.23E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.21E-03	-1.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000618	-4.68E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00773	1.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00758	1.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0107	1.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0121	2.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0111	2.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.036	6.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0475	8.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.68E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0308	5.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	5.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	3.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	2.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00654	1.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00303	-5.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00301	5.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00671	1.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00798	1.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0103	1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.39E-02	4.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0402	7.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0683	1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	2.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.25E-02	7.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.76E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0455	8.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.31E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.41E-02	8.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.06E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.18E-02	7.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0458	8.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0227	4.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0154	2.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.00109	1.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.0011	2.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0123	2.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0103	1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0342	6.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0382	6.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000228	4.17E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0101	1.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	2.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0378	6.91E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000585	1.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000905	1.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000567	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000838	1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.78E-03	3.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00199	3.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00281	5.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00409	7.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00488	8.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.92E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00586	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.23E-03	2.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00144	2.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00333	6.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0333	6.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00299	5.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00625	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00522	9.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.54E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000779	-1.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00603	1.1017E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1017E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.0105	1.9184E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9184E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0255	4.6589E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6589E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.02	3.654E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.654E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	1.9914E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9914E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	2.028E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.028E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	3.7636E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7636E-09	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00783	1.4305E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4305E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	5.5541E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5541E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	9.1167E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1167E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00747	1.3648E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3648E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0238	4.3483E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3483E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00881	-1.6096E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6096E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00687	1.2551E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2551E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0287	5.2435E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2435E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	6.4493E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4493E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	4.8416E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8416E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0149	2.7222E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7222E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00885	1.6169E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6169E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	2.302E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.302E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.9184E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9184E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	3.1607E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1607E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	6.0474E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0474E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	3.2338E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2338E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00992	1.8124E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8124E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00707	1.2917E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2917E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00341	6.2301E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2301E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00301	5.4993E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4993E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00685	1.2515E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2515E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	1.1017E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1017E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:24:05 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000573	-5.9821E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9821E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000278	-2.9023E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9023E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000263	2.7457E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7457E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000325	3.393E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.393E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000304	3.1738E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1738E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00131	1.3676E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3676E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00169	1.7644E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7644E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000622	6.4937E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4937E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00151	1.5764E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5764E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000834	8.707E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.707E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000234	2.443E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.443E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000689	-7.1932E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1932E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00104	-1.0858E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0858E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00244	-2.5474E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5474E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00143	-1.4929E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4929E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000857	-8.9471E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.9471E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000748	-7.8091E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.8091E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000538	-5.6167E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6167E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000526	-5.4914E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4914E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000388	4.0507E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0507E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000793	8.2789E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2789E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00441	4.604E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.604E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00427	-4.4579E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.4579E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00312	-3.2573E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2573E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00372	-3.8837E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8837E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00396	-4.1342E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1342E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00212	-2.2133E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2133E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00377	-3.9359E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9359E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00454	-4.7398E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7398E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.006	-6.264E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.264E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00326	-3.4034E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4034E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00143	-1.4929E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4929E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000107	1.1171E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1171E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000952	9.9389E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9389E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000982	1.0252E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0252E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00262	-2.7353E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7353E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00144	-1.5034E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5034E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00288	3.0067E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0067E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.0024	-2.5056E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5056E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00485	-5.0634E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0634E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.0000052	5.4288E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4288E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000796	8.3102E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3102E-12	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000729	7.6108E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6108E-12	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000184	1.921E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.921E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000147	1.5347E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5347E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000921	-9.6152E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.6152E-11	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000571	5.9612E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9612E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000107	1.1171E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1171E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000125	1.305E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.305E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000165	1.7226E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7226E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000213	2.2237E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2237E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000069	7.2036E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2036E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000937	9.7823E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.7823E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000508	5.3035E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3035E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000103	1.0753E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0753E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000718	7.4959E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4959E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000858	-8.9575E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.9575E-09	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00183	-1.9105E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9105E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.003	-3.132E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.132E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00379	-3.9568E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9568E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00101	-1.0544E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0544E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000454	-4.7398E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7398E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000288	3.0067E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0067E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000277	2.8919E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8919E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000252	2.6309E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6309E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000759	7.924E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.924E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000185	1.9314E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9314E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000934	9.751E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.751E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00302	-3.1529E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1529E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00279	-2.9128E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9128E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-3.7271E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7271E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000505	-5.2722E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2722E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000129	-1.3468E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3468E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000467	4.8755E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8755E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000146	1.5242E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5242E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000238	2.4847E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4847E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000185	1.9314E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9314E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000271	2.8292E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8292E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000256	2.6726E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6726E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000383	3.9985E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9985E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000463	4.8337E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8337E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000409	4.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.27E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000701	7.3184E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3184E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000406	-4.2386E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2386E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000337	-3.5183E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5183E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000474	4.9486E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9486E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000279	-2.9128E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9128E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000881	9.1976E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1976E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.02	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0121	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00175	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0016	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00148	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.0026	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0156	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0122	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00898	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

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1156	144.22	648.15	9960	SULFATES	0.00964	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00626	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0456	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0331	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0341	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0424	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0486	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.158	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0835	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0915	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0805	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.251	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.109	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.103	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.133	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.204	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.237	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0298	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.167	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0204	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.068	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000288	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00202	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.0000338	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.125	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.169	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0784	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00593	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000741	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000527	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000649	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000955	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00151	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00172	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00146	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000757	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000893	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000715	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00198	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.0009	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00185	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0814	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0667	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.00591	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0735	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.089	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.162	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0628	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0114	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0117	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00307	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00415	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00547	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0647	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.208	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.199	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.195	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0416	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000501	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0217	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0861	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0214	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00937	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0144	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0268	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00425	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.026	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0237	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0409	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00911	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.0048	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0176	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00789	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

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1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-2.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-09	-1.88E-08	-1.23E-09	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	-1.27E-08	-8.33E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-10	-8.47E-10	-5.56E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-10	-1.24E-09	-8.11E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-1.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-10	-1.14E-09	-7.51E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-3.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.22E-10	-3.03E-09	-1.99E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-6.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.00E-10	-5.23E-09	-3.43E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-09	-9.85E-09	-6.46E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	2.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-10	1.74E-09	1.14E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	4.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-10	3.37E-09	2.21E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	7.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	5.87E-09	3.85E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	8.86E-09	5.81E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	3.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-09	2.44E-08	1.60E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	7.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	5.87E-08	3.85E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	5.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-09	4.22E-08	2.77E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	4.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-09	3.85E-08	2.53E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	5.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-09	4.18E-08	2.74E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	5.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.39E-09	4.29E-08	2.82E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	1.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	1.24E-07	8.11E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	8.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	6.87E-08	4.51E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	8.73E-08	5.73E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	9.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	7.65E-08	5.02E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	2.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.96E-08	2.30E-07	1.51E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	1.03E-07	6.75E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	9.68E-08	6.35E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	1.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	1.08E-07	7.06E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	1.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	1.28E-07	8.39E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-2.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-08	-2.04E-07	-1.34E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-5.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-09	-4.29E-08	-2.82E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-08	-1.61E-07	-1.05E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-2.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-09	-2.07E-08	-1.36E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-8.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	-6.48E-08	-4.25E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-5.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.07E-10	-4.10E-09	-2.69E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-9.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	-7.43E-09	-4.88E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-8.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-09	-6.65E-09	-4.36E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	1.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	8.86E-08	5.81E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	1.30E-07	8.50E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	9.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	7.30E-08	4.79E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-4.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.82E-09	-3.38E-08	-2.22E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-08	-1.26E-07	-8.25E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	4.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-11	3.46E-10	2.27E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	3.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-11	2.80E-10	1.84E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	3.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-11	2.57E-10	1.68E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	6.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.37E-11	5.44E-10	3.57E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	4.83E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-11	3.91E-10	2.56E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	2.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-11	2.29E-10	1.51E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	3.77E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-11	3.05E-10	2.00E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	5.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-11	4.79E-10	3.15E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-3.33E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.63E-11	-2.69E-10	-1.76E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	4.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-11	3.59E-10	2.36E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	5.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-11	4.79E-10	3.15E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-2.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-12	-1.84E-11	-1.21E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-8.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-09	-7.00E-09	-4.59E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	2.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-11	2.07E-10	1.36E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	7.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-11	5.79E-10	3.80E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	7.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.92E-08	3.88E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	7.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-09	5.66E-08	3.71E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	1.00E-08	6.58E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	-8.34E-08	-5.47E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	-1.05E-07	-6.92E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	1.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	1.41E-07	9.24E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	6.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-09	5.36E-08	3.51E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	1.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	9.11E-09	5.98E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	9.85E-09	6.46E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	3.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-10	2.99E-09	1.96E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	3.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-10	2.90E-09	1.90E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	6.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-10	5.36E-09	3.51E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	5.01E-08	3.29E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	2.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	1.98E-07	1.30E-08	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	2.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-08	1.93E-07	1.27E-08	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	2.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	1.83E-07	1.20E-08	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	4.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-09	4.01E-08	2.63E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-09	-1.70E-08	-1.12E-09	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-3.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-10	-2.48E-09	-1.63E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	9.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	7.34E-08	4.82E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	1.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	1.61E-08	1.06E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	8.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-09	6.65E-09	4.36E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	1.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	1.04E-08	6.83E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	8.21E-09	5.39E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	2.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-09	2.17E-08	1.42E-09	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	5.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-10	4.08E-09	2.68E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	2.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-09	2.22E-08	1.45E-09	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	2.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-09	2.10E-08	1.37E-09	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	4.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-09	3.81E-08	2.50E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-09	9.20E-09	6.04E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	4.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-10	3.94E-09	2.58E-10	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	5.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-09	4.45E-08	2.92E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	9.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	7.69E-09	5.05E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.49E-06	-1.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	-5.03E-08	-1.10E-09	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.25E-06	-7.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-07	-3.24E-08	-7.09E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.30E-07	4.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-08	1.87E-09	4.09E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	8.70E-08	2.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	1.25E-09	2.74E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	5.36E-08	1.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	7.72E-10	1.69E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-6.62E-09	-2.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-09	-9.53E-11	-2.08E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	3.13E-08	1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-09	4.51E-10	9.86E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.06E-06	-3.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-07	-1.53E-08	-3.34E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.83E-06	6.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-07	2.64E-08	5.76E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.59E-06	5.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	2.29E-08	5.01E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.59E-06	5.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	2.29E-08	5.01E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.98E-06	6.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	2.85E-08	6.24E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.91E-06	1.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-06	5.63E-08	1.23E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.07E-05	3.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-06	1.54E-07	3.37E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.80E-06	2.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-06	1.12E-07	2.46E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.38E-06	2.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-06	1.06E-07	2.32E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.31E-06	2.75E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	1.20E-07	2.62E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.85E-06	2.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-06	1.27E-07	2.79E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.60E-05	8.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.22E-06	3.74E-07	8.19E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.46E-05	4.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-06	2.10E-07	4.60E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.78E-05	5.89E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-06	2.56E-07	5.61E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.65E-05	5.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-06	2.38E-07	5.20E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.61E-05	1.53E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-05	6.64E-07	1.45E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.10E-05	6.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-06	3.02E-07	6.61E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.99E-05	6.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-06	2.87E-07	6.27E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.29E-05	7.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-06	3.30E-07	7.21E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.95E-05	9.76E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.33E-06	4.25E-07	9.29E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.01E-05	-1.33E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-05	-5.77E-07	-1.26E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.85E-06	-2.27E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-06	-9.86E-08	-2.16E-09	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.05E-05	-1.01E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.64E-06	-4.39E-07	-9.61E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.64E-06	-1.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-06	-5.24E-08	-1.15E-09	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.23E-05	-4.07E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.89E-06	-1.77E-07	-3.87E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-3.84E-07	-1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	-5.53E-09	-1.21E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-4.08E-07	-1.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	-5.87E-09	-1.28E-10	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-2.81E-07	-9.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.88E-08	-4.05E-09	-8.85E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.93E-05	6.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-06	2.78E-07	6.08E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.73E-05	9.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-06	3.93E-07	8.60E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.58E-05	5.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-06	2.28E-07	4.98E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-3.46E-06	-1.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-06	-4.98E-08	-1.09E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.28E-05	-7.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.21E-06	-3.28E-07	-7.18E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.08E-07	3.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	1.56E-09	3.40E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	8.16E-08	2.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	1.17E-09	2.57E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	9.12E-08	3.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	1.31E-09	2.87E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.58E-07	5.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-08	2.28E-09	4.98E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.58E-07	5.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-08	2.28E-09	4.98E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	1.74E-07	5.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-08	2.51E-09	5.48E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	2.09E-07	6.91E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-08	3.01E-09	6.58E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	2.26E-07	7.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-08	3.25E-09	7.12E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	1.12E-07	3.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-08	1.61E-09	3.53E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.14E-07	3.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	1.64E-09	3.59E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.39E-07	4.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	2.00E-09	4.38E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	8.08E-08	2.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	1.16E-09	2.54E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-3.73E-07	-1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	-5.37E-09	-1.17E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.19E-07	3.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-08	1.71E-09	3.75E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.67E-07	8.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.44E-08	3.84E-09	8.41E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.34E-05	4.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-06	1.93E-07	4.22E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.15E-05	3.80E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-06	1.66E-07	3.62E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.84E-06	6.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-07	2.65E-08	5.79E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.50E-05	-4.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.74E-06	-2.16E-07	-4.72E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.87E-05	-6.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-06	-2.69E-07	-5.89E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.86E-05	9.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-06	4.12E-07	9.01E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.11E-05	3.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-06	1.60E-07	3.50E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.03E-06	6.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-07	2.92E-08	6.39E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.16E-06	7.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-07	3.11E-08	6.80E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.13E-07	2.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-07	8.83E-09	1.93E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	7.45E-07	2.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	1.07E-08	2.35E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.09E-06	3.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-07	1.57E-08	3.43E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.11E-05	3.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-06	1.60E-07	3.50E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.88E-05	1.28E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-05	5.59E-07	1.22E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.78E-05	1.25E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-05	5.44E-07	1.19E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	3.58E-05	1.18E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-05	5.15E-07	1.13E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	7.97E-06	2.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	1.15E-07	2.51E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.81E-06	-5.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.72E-07	-2.61E-08	-5.70E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	1.38E-06	4.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-07	1.99E-08	4.35E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.51E-05	5.00E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-06	2.17E-07	4.76E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.59E-06	1.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-06	5.17E-08	1.13E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.55E-06	5.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-07	2.23E-08	4.88E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.39E-06	7.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-07	3.44E-08	7.53E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.89E-06	6.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-07	2.72E-08	5.95E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.68E-06	1.55E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	6.74E-08	1.47E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.48E-07	2.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-07	1.22E-08	2.67E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.72E-06	1.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-06	6.80E-08	1.49E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.33E-06	1.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-06	6.23E-08	1.36E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	7.59E-06	2.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-06	1.09E-07	2.39E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.82E-06	6.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-07	2.62E-08	5.73E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.58E-07	2.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	1.24E-08	2.70E-10	0.00E+00
263	900	935	18540299	Cr(VI)	7.21E-06	2.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-06	1.04E-07	2.27E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.59E-06	5.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	2.29E-08	5.01E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-6.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-11	-5.56E-10	-1.82E-11	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-3.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-11	-3.06E-10	-1.00E-11	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	3.06E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-11	2.64E-10	8.67E-12	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	3.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-11	2.84E-10	9.32E-12	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	2.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-11	2.06E-10	6.76E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	4.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-11	3.92E-10	1.28E-11	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	9.93E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-11	8.59E-10	2.82E-11	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	5.91E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-11	5.12E-10	1.68E-11	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	1.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	1.59E-09	5.21E-11	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	1.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	1.12E-09	3.67E-11	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	1.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-11	8.93E-10	2.93E-11	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	1.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	9.42E-10	3.09E-11	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	1.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	1.71E-09	5.60E-11	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	3.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-10	3.30E-09	1.08E-10	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	2.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-10	2.55E-09	8.35E-11	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	2.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-10	2.42E-09	7.93E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	3.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-10	2.64E-09	8.67E-11	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	3.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-10	2.77E-09	9.07E-11	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	7.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-10	6.90E-09	2.26E-10	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	5.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-10	4.63E-09	1.52E-10	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	6.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-10	6.05E-09	1.98E-10	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	8.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-10	7.07E-09	2.32E-10	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	1.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	1.34E-08	4.38E-10	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	8.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-10	7.17E-09	2.35E-10	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	7.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.29E-10	6.85E-09	2.25E-10	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	8.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-10	7.22E-09	2.37E-10	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	9.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-10	7.96E-09	2.61E-10	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-9.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.93E-10	-8.40E-09	-2.75E-10	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-9.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.28E-11	-7.78E-10	-2.55E-11	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-7.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.03E-10	-6.61E-09	-2.17E-10	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-4.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-11	-3.99E-10	-1.31E-11	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-2.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-10	-2.55E-09	-8.35E-11	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	1.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-11	1.24E-10	4.08E-12	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	7.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-11	6.41E-10	2.10E-11	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	1.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	9.64E-10	3.16E-11	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	5.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-10	5.09E-09	1.67E-10	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	8.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-10	7.07E-09	2.32E-10	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	7.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-10	6.73E-09	2.21E-10	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-7.56E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.95E-13	-6.54E-12	-2.14E-13	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-5.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-10	-5.16E-09	-1.69E-10	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	6.62E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-12	5.73E-11	1.88E-12	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	5.01E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-12	4.33E-11	1.42E-12	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	6.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-12	5.46E-11	1.79E-12	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	1.06E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-12	9.18E-11	3.01E-12	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	1.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-11	1.00E-10	3.28E-12	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	1.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	1.33E-10	4.36E-12	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	1.90E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-11	1.64E-10	5.38E-12	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	2.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-11	1.89E-10	6.19E-12	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	1.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-11	1.56E-10	5.13E-12	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	7.47E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.87E-12	6.46E-11	2.12E-12	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	8.69E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-12	7.51E-11	2.47E-12	1.28E-12

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	1.03E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-12	8.93E-11	2.93E-12	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	7.22E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-11	6.24E-10	2.05E-11	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	1.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-11	9.55E-11	3.13E-12	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	2.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-11	2.06E-10	6.77E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	5.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-10	4.68E-09	1.53E-10	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	3.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-10	3.06E-09	1.00E-10	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	9.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-11	8.03E-10	2.63E-11	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-3.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-10	-3.30E-09	-1.08E-10	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-4.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.32E-10	-4.06E-09	-1.33E-10	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	9.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-10	7.81E-09	2.56E-10	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-10	3.35E-09	1.10E-10	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	8.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-11	7.76E-10	2.55E-11	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	9.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-11	8.40E-10	2.75E-11	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	2.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-11	2.22E-10	7.27E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	4.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-11	3.92E-10	1.28E-11	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	4.36E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-11	3.77E-10	1.24E-11	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	4.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-10	3.87E-09	1.27E-10	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	1.05E-08	3.45E-10	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	1.06E-08	3.47E-10	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-10	9.28E-09	3.04E-10	1.57E-10
336	1142	615	7439921	Lead	0.00000984	2.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	2.41E-09	7.90E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	1.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-11	1.51E-10	4.94E-12	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	1.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	9.42E-10	3.09E-11	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	5.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-10	4.38E-09	1.44E-10	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	1.24E-09	4.08E-11	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	6.88E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-11	5.95E-10	1.95E-11	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.35E-11	8.79E-10	2.88E-11	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	8.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-11	7.10E-10	2.33E-11	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	1.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-10	1.56E-09	5.13E-11	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	3.68E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-11	3.18E-10	1.04E-11	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	1.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	1.63E-09	5.34E-11	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	1.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	1.39E-09	4.57E-11	2.36E-11
348	1577	291	7439921	Lead	0.00000896	2.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	2.19E-09	7.20E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	6.79E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-11	5.87E-10	1.93E-11	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	3.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-11	3.11E-10	1.02E-11	5.28E-12
351	900	935	7439921	Lead	0.0000104	2.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-10	2.55E-09	8.35E-11	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	7.08E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-11	6.12E-10	2.01E-11	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000498	-2.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000321	-1.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000707	3.99E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-3.81E-08	-2.15E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-11	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-3.11E-08	-1.75E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-11	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000156	-8.80E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.80E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000362	-2.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000184	-1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-08	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000199	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000185	1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000186	1.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000237	1.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000428	2.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000136	7.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000987	5.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000944	5.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000108	6.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000117	6.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000356	2.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000193	1.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000229	1.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000201	1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000615	3.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000271	1.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000256	1.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000305	1.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000413	2.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000562	-3.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.0000961	-5.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000421	-2.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.000053	-2.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000171	-9.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.65E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000057	-3.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000862	-4.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000974	-5.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000269	1.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.77E-04	2.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000194	1.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000429	-2.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00031	-1.75E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000133	7.50E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000997	5.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.0000011	6.20E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000186	1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000189	1.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000201	1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000235	1.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000232	1.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000931	5.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000137	7.73E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000169	9.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000767	4.33E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000807	-4.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.55E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.0000013	7.33E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000029	1.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000177	9.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000157	8.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000213	1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000204	-1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-07	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000253	-1.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-07	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000387	2.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000149	8.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.000026	1.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000274	1.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000781	4.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000887	5.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000139	7.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000145	8.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000522	2.94E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000504	2.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000485	2.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000105	5.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000244	-1.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000204	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000203	1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000474	2.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000202	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000313	1.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000245	1.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000616	3.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000107	6.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000614	3.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000057	3.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000101	5.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000236	1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000111	6.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000085	4.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.00002	1.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0128	8.73E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.73E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0103	7.02E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00786	5.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.00832	5.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0072	4.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0148	1.01E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-05	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.0223	1.52E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-05	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.00152	-1.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0385	2.63E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0231	1.58E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00596	4.06E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000723	4.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0638	-4.35E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.35E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.03	-2.05E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0172	-1.17E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.00145	-9.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.89E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00951	6.48E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.018	1.23E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-05	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0775	5.28E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0389	2.65E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-05	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0197	1.34E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-05	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0243	1.66E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-05	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0196	1.34E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0372	2.54E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0557	3.80E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.114	7.77E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.228	1.55E-04	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-04	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0426	2.90E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.00467	3.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.0161	1.10E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0211	1.44E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0391	2.67E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0135	9.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.20E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0194	1.32E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.000279	1.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	2.91E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-05	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0827	5.64E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0286	1.95E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-05	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.202	1.38E-04	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0325	2.22E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000733	5.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000507	3.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000788	5.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00104	7.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00163	1.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00273	1.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00321	2.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00257	1.75E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00398	2.71E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000826	5.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.000893	6.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.0018	1.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0185	1.26E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00177	1.21E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00297	2.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0514	3.50E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00776	5.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00506	3.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0297	2.03E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0287	1.96E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0118	8.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.05E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0119	8.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.11E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00455	3.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00416	2.84E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000921	6.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00359	2.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.001	6.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0296	2.02E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-05	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00894	6.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00319	2.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00144	-9.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.82E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0114	7.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0399	2.72E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0643	4.38E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.012	8.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00914	6.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00512	3.49E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00711	4.85E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.0056	3.82E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00794	5.41E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000991	6.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00661	4.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00433	2.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00433	2.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00133	9.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.07E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00201	1.37E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-06	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.002	1.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00355	2.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00123	4.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00115	4.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00151	5.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.0017	6.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00155	5.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00499	1.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00658	2.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00436	1.62E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00587	2.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00387	1.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00237	8.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.81E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00185	6.88E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	4.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000214	7.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000707	2.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	4.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.0013	4.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0016	5.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00357	1.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00578	2.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00978	3.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	7.70E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00698	2.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.0072	2.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00711	2.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00682	2.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00706	2.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00401	1.49E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00309	1.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00129	4.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000775	2.88E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00206	7.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00148	5.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00479	1.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00537	2.00E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000527	1.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00174	6.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	6.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00595	2.21E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000999	3.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000131	4.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000822	3.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000122	4.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000255	9.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000286	1.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00041	1.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000583	2.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.00069	2.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000828	3.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000175	6.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000206	7.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00047	1.75E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00467	1.74E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	1.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000888	3.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.0082	3.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000921	3.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000232	8.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00144	5.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00223	8.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00389	1.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00299	1.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	5.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	5.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	1.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	4.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000438	1.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	2.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00165	6.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00398	1.48E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000607	-2.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00109	4.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.0042	1.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	1.87E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00382	1.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	7.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.92E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	4.65E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	6.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	5.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	9.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	1.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	9.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	5.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.0011	4.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000501	1.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	3.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	3.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00217	1.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00229	1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0036	2.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00409	2.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00374	2.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0123	7.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0163	1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.0103	6.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	8.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	5.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00548	3.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00403	2.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00152	9.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00235	-1.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000164	1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00168	1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00215	1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00301	1.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00739	4.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	8.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0225	1.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0502	3.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0113	7.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0129	8.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0121	7.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0112	6.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0136	8.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	5.20E-03	3.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.40E-03	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.03E-03	-1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.49E-03	-9.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.24E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	3.16E-03	1.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.39E-03	2.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.16E-02	7.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.29E-02	8.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.0014	-8.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.68E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.45E-03	1.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	2.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.08E-02	6.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00254	-1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.95E-04	1.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000183	1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.00027	1.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000583	3.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000648	4.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000901	5.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00135	8.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00163	1.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00196	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000405	2.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000477	2.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.11E-03	6.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0113	7.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.93E-04	6.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.0012	7.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00128	-7.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000252	1.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.00124	7.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.69E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00765	4.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00619	3.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	2.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	2.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000679	4.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00256	1.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.00099	6.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000705	4.37E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00609	3.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00485	-3.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00193	1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00919	5.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	7.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00861	5.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00495	3.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00295	1.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	2.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	2.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.0058	3.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	6.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00592	3.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00324	2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00205	1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	6.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000998	6.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.19E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00205	1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00199	1.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0109	-6.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.76E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00699	-4.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.33E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00127	-7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00106	-6.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.57E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000888	-5.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00127	7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00131	8.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.0054	-3.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00117	7.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00125	-7.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.75E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00423	-2.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00647	-4.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.01E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0165	-1.02E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0307	-1.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0201	-1.25E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0142	-8.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.80E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0133	-8.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.24E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0116	-7.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.19E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0174	-1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0126	-7.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0197	-1.22E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00731	-4.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0748	-4.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0609	-3.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0682	-4.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0704	-4.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.048	-2.98E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.98E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0595	-3.69E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0664	-4.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0792	-4.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.91E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0433	-2.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-06	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0242	-1.50E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00314	-1.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.55E-03	-1.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.94E-03	-2.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.45E-02	-2.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.33E-02	-1.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.35E-02	-8.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.37E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.82E-02	-2.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.39E-02	-3.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.30E-04	-2.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.39E-04	-1.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.59E-04	-2.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.40E-04	-3.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.81E-04	-4.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.36E-03	-8.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.05E-03	-6.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.51E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-7.43E-04	-4.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-9.37E-04	-5.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.24E-04	-2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.56E-04	-2.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-5.58E-04	-3.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.37E-03	-1.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.51E-04	-4.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.39E-03	-8.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.62E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.58E-02	-9.79E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.79E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.36E-02	-8.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.36E-02	-1.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.20E-02	-2.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.43E-02	-3.37E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.37E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.44E-02	-1.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.48E-02	-9.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.95E-04	-6.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.17E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.25E-03	-7.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.75E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.77E-04	-3.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.45E-03	-1.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.09E-03	-6.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.76E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.70E-03	-6.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.01E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.29E-02	-2.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.71E-02	-2.92E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.30E-02	-2.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.65E-03	-5.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-8.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.86E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.40E-03	-5.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.83E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.73E-03	-6.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.03E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.45E-03	-2.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.46E-03	-9.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.98E-03	-1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.29E-03	-8.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.00E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.60E-03	-1.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.48E-04	-5.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.26E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.41E-03	-1.49E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.44E-03	-2.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.44E-03	-5.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.94E-03	-1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.04E-04	-4.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.67E-03	-4.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.50E-03	-9.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.30E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.51E-03	-1.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.32E-03	-1.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-08	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-6.75E-04	-3.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-6.51E-04	-3.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.70E-04	-3.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-5.94E-04	-3.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-8.95E-04	-4.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.83E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.47E-03	-1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.98E-04	-4.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.13E-03	-6.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.09E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.73E-03	-9.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.30E-03	-1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00517	-2.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00922	-4.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00616	-3.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00448	-2.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00425	-2.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00379	-2.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00592	-3.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00491	-2.65E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.65E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00781	-4.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.21E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00624	-3.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.37E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0238	-1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0197	-1.06E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0218	-1.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0224	-1.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0158	-8.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.52E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0186	-1.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0205	-1.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.024	-1.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0131	-7.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.06E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00765	-4.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00123	-6.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.63E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.0017	-9.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00223	-1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0104	-5.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.61E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00734	-3.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00725	-3.91E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0156	-8.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.41E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0193	-1.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000125	-6.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.74E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000878	-4.73E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000131	-7.06E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.06E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000212	-1.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-09	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.00026	-1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000488	-2.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000429	-2.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000358	-1.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-09	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000443	-2.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.39E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000132	-7.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.12E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000147	-7.93E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000259	-1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.62E-03	-8.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.74E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.78E-04	-1.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.92E-04	-3.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.35E-03	-3.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00425	-2.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00713	-3.85E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0129	-6.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0167	-9.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.01E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00809	-4.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.01E-03	-2.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.96E-04	-3.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.21E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000679	-3.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000231	-1.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000954	-5.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000414	-2.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00429	-2.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0132	-7.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.12E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0149	-8.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.04E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-6.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.90E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00311	-1.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00512	-2.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00381	-2.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00366	-1.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00145	-7.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.82E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000683	-3.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000941	-5.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.07E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000677	-3.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.26E-03	-6.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.79E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.46E-04	-1.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00121	-6.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00131	-7.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.06E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00275	-1.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.80E-04	-3.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.95E-04	-1.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.21E-03	-1.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000618	-3.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00773	1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00758	9.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0107	1.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0121	1.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0111	1.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.036	4.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0475	6.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0308	4.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	5.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	3.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	2.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	1.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00654	8.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.51E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00303	-3.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00301	3.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00671	8.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.73E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00798	1.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0103	1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.39E-02	3.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0402	5.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0683	8.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	1.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.25E-02	5.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0455	5.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.41E-02	5.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.18E-02	5.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0458	5.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0227	2.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0154	2.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.00109	1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.0011	1.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0123	1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0103	1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0342	4.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0382	4.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000228	2.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0101	1.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	1.52E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0378	4.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000585	7.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000905	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000567	7.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000838	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.78E-03	2.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00199	2.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00281	3.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00409	5.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00488	6.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00586	7.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.23E-03	1.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00144	1.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00333	4.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0333	4.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00299	3.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00625	8.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	7.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00522	6.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.79E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000779	-1.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00603	7.8493E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8493E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.0105	1.3668E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3668E-07	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0255	3.3193E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3193E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.02	2.6034E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6034E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	1.4189E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4189E-07	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	1.4449E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4449E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	2.6815E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6815E-08	0	0	0

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00783	1.0192E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0192E-07	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	3.9572E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9572E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	6.4955E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4955E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00747	9.7237E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.7237E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0238	3.098E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.098E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00881	-1.1468E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1468E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00687	8.9427E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9427E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0287	3.7359E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7359E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	4.595E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.595E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	3.4495E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4495E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0149	1.9395E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9395E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00885	1.152E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.152E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	1.6401E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6401E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.3668E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3668E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	2.2519E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2519E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	4.3086E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3086E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	2.304E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.304E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00992	1.2913E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2913E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00707	9.203E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.203E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00341	4.4388E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4388E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00301	3.9181E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9181E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00685	8.9167E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9167E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	7.8493E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8493E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000573	-4.2621E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2621E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000278	-2.0678E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0678E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000263	1.9563E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9563E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000325	2.4174E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4174E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000304	2.2612E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2612E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00131	9.7442E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.7442E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00169	1.2571E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2571E-07	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000622	4.6266E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6266E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00151	1.1232E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1232E-07	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000834	6.2035E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2035E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000234	1.7406E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7406E-08	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000689	-5.125E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.125E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00104	-7.7358E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.7358E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00244	-1.8149E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8149E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00143	-1.0637E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0637E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000857	-6.3746E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3746E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000748	-5.5638E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5638E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000538	-4.0018E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0018E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000526	-3.9125E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9125E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000388	2.8861E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8861E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000793	5.8986E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8986E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00441	3.2803E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2803E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00427	-3.1762E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1762E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00312	-2.3207E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3207E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00372	-2.767E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.767E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00396	-2.9456E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9456E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00212	-1.5769E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5769E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00377	-2.8042E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8042E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00454	-3.377E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.377E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.006	-4.463E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.463E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00326	-2.4249E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4249E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00143	-1.0637E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0637E-07	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000107	7.959E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.959E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000952	7.0813E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0813E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000982	7.3044E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3044E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00262	-1.9488E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9488E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00144	-1.0711E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0711E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00288	2.1422E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1422E-07	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.0024	-1.7852E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7852E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00485	-3.6076E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6076E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.0000052	3.8679E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8679E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000796	5.9209E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9209E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000729	5.4225E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4225E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000184	1.3686E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3686E-09	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000147	1.0934E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0934E-09	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000921	-6.8507E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8507E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000571	4.2473E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2473E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000107	7.959E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.959E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000125	9.2979E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2979E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000165	1.2273E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2273E-09	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000213	1.5844E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5844E-09	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000069	5.1324E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1324E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000937	6.9697E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9697E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000508	3.7787E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7787E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000103	7.6614E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6614E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000718	5.3407E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3407E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000858	-6.3821E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3821E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00183	-1.3612E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3612E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.003	-2.2315E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2315E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00379	-2.8191E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8191E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00101	-7.5127E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5127E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000454	-3.377E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.377E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000288	2.1422E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1422E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000277	2.0604E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0604E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000252	1.8745E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8745E-09	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000759	5.6457E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6457E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000185	1.3761E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3761E-09	0	0	0
1124	1088	-938	91203	Naphthalene	0.000934	6.9474E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9474E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00302	-2.2464E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2464E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00279	-2.0753E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0753E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-2.6555E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6555E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.000505	-3.7563E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7563E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000129	-9.5954E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.5954E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000467	3.4737E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4737E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000146	1.086E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.086E-08	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000238	1.7703E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7703E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000185	1.3761E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3761E-08	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000271	2.0158E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0158E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000256	1.9042E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9042E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000383	2.8489E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8489E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000463	3.4439E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4439E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000409	3.0423E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0423E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000701	5.2142E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2142E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000406	-3.0199E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0199E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000337	-2.5067E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5067E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000474	3.5258E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5258E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000279	-2.0753E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0753E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000881	6.5531E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5531E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.02	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0121	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00175	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0016	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00148	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.0026	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00363	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0156	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0122	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00898	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:17:29 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Resident_00-30_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00964	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00626	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0456	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0331	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0341	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0424	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0486	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.158	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0835	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0915	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0805	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.251	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.109	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.103	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.133	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.204	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.237	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0298	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.167	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0204	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.068	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000288	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00202	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.0000338	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.125	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.169	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0784	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00593	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000741	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000527	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000649	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000955	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00151	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00172	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00146	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00119	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000757	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000893	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000715	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00198	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.0009	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00185	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0814	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0667	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.00591	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0735	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.089	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.162	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0628	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0114	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0117	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00307	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00415	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00547	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0647	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.208	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.199	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.195	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0416	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000501	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0217	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0861	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0214	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00937	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0144	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0268	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00425	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.026	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0237	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0409	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00911	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.0048	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0176	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00789	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-3.13E-07	-2.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.01E-10	-1.47E-09	-2.18E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.94E-07	-1.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.11E-10	-9.11E-10	-1.35E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	3.46E-08	2.42E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-11	1.62E-10	2.41E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	1.55E-08	1.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-11	7.28E-11	1.08E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	8.86E-09	6.20E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-11	4.16E-11	6.18E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-2.19E-08	-1.53E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-11	-1.03E-10	-1.53E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-5.65E-08	-3.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.04E-11	-2.65E-10	-3.94E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.37E-08	-1.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.79E-11	-1.11E-10	-1.65E-11	0.00E+00
9	-169.37	170.38	7440382	Arsenic	3.31E-07	2.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-10	1.55E-09	2.31E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	2.80E-07	1.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-10	1.31E-09	1.95E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.54E-07	1.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-10	1.19E-09	1.77E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.88E-07	2.01E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-10	1.35E-09	2.01E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.90E-07	4.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-10	2.77E-09	4.12E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.26E-06	8.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	5.92E-09	8.79E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.27E-07	6.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-09	4.35E-09	6.47E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.45E-07	5.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	3.97E-09	5.90E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.05E-07	6.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-09	4.25E-09	6.31E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.24E-07	6.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-09	4.34E-09	6.45E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.53E-06	1.77E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-09	1.19E-08	1.77E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.42E-06	9.93E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-09	6.67E-09	9.91E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.81E-06	1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-09	8.50E-09	1.26E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.64E-06	1.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-09	7.70E-09	1.14E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	4.92E-06	3.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	2.31E-08	3.43E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.60E-06	1.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	1.22E-08	1.81E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.73E-06	1.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-09	1.28E-08	1.90E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	3.26E-06	2.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-09	1.53E-08	2.27E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	4.06E-06	2.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-09	1.91E-08	2.83E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-2.61E-06	-1.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-09	-1.23E-08	-1.82E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	8.05E-07	5.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	3.78E-09	5.62E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-1.48E-06	-1.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-09	-6.95E-09	-1.03E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-3.09E-07	-2.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-10	-1.45E-09	-2.16E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.21E-06	-8.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-09	-5.68E-09	-8.44E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-1.67E-08	-1.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-11	-7.84E-11	-1.17E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-6.48E-08	-4.53E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-10	-3.04E-10	-4.52E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	1.40E-07	9.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-10	6.57E-10	9.77E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.84E-06	1.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-09	8.64E-09	1.28E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	2.65E-06	1.85E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-09	1.24E-08	1.85E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.63E-06	1.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-09	7.65E-09	1.14E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	9.00E-07	6.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-09	4.23E-09	6.28E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.11E-06	-1.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.38E-09	-9.91E-09	-1.47E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.67E-08	1.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-11	7.84E-11	1.17E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.26E-08	8.81E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-11	5.92E-11	8.79E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.67E-08	1.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-11	7.84E-11	1.17E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.38E-08	1.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-11	1.12E-10	1.66E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	3.35E-08	2.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-11	1.57E-10	2.34E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.79E-08	2.65E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-11	1.78E-10	2.64E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	4.51E-08	3.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.22E-11	2.12E-10	3.15E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.89E-08	2.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-11	1.83E-10	2.71E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	2.00E-08	1.40E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-11	9.39E-11	1.40E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	2.27E-08	1.59E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-11	1.07E-10	1.58E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.52E-08	1.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-11	1.18E-10	1.76E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.14E-08	7.97E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-11	5.35E-11	7.95E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-6.09E-08	-4.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.75E-11	-2.86E-10	-4.25E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.97E-08	1.38E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-11	9.25E-11	1.37E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.21E-08	2.94E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-11	1.98E-10	2.94E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.62E-06	1.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	7.61E-09	1.13E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.20E-06	8.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	5.63E-09	8.37E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.63E-07	1.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-10	1.24E-09	1.83E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.53E-06	-1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.45E-09	-7.18E-09	-1.07E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-8.63E-07	-6.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-09	-4.05E-09	-6.02E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.94E-06	2.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-09	1.38E-08	2.05E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.17E-06	8.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	5.49E-09	8.16E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.08E-07	1.45E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-10	9.77E-10	1.45E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.18E-07	1.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-10	1.02E-09	1.52E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.89E-08	4.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	3.24E-10	4.81E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.03E-07	7.20E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-10	4.84E-10	7.19E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.19E-07	8.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-10	5.59E-10	8.30E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.18E-06	8.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-09	5.54E-09	8.23E-10	0.00E+00
69	1647	-390	7440382	Arsenic	4.03E-06	2.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.45E-09	1.89E-08	2.81E-09	0.00E+00
70	1650	-890	7440382	Arsenic	3.98E-06	2.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-09	1.87E-08	2.78E-09	0.00E+00
71	1430	215	7440382	Arsenic	3.72E-06	2.60E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-09	1.75E-08	2.60E-09	0.00E+00
72	1142	615	7440382	Arsenic	8.51E-07	5.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	4.00E-09	5.94E-10	0.00E+00
73	-333	-788	7440382	Arsenic	2.59E-07	1.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-10	1.22E-09	1.81E-10	0.00E+00
74	-42	-825	7440382	Arsenic	5.36E-07	3.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.58E-10	2.52E-09	3.74E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.56E-06	1.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-09	7.33E-09	1.09E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.82E-07	2.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-10	1.79E-09	2.67E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.66E-07	1.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-10	7.79E-10	1.16E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.52E-07	1.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-10	1.18E-09	1.76E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.99E-07	1.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	9.34E-10	1.39E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	4.83E-07	3.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-10	2.27E-09	3.37E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.26E-08	6.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	4.35E-10	6.46E-11	0.00E+00
82	2577	-940	7440382	Arsenic	4.77E-07	3.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-10	2.24E-09	3.33E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.42E-07	3.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-10	2.08E-09	3.08E-10	0.00E+00
84	1577	291	7440382	Arsenic	7.93E-07	5.55E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-09	3.72E-09	5.53E-10	0.00E+00
85	2400	240	7440382	Arsenic	1.99E-07	1.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	9.34E-10	1.39E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.10E-08	6.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	4.27E-10	6.35E-11	0.00E+00
87	900	935	7440382	Arsenic	9.49E-07	6.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	4.46E-09	6.62E-10	0.00E+00
88	1375	1395	7440382	Arsenic	1.84E-07	1.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-10	8.64E-10	1.28E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.07E-07	2.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-10	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	9.99E-08	2.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	8.37E-08	1.67E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-10	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	6.55E-08	1.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	5.17E-08	1.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	6.35E-08	1.27E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	7.91E-08	1.58E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	2.83E-07	5.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-10	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	4.80E-07	9.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-10	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	3.43E-07	6.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	2.20E-07	4.40E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	1.78E-07	3.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	1.58E-07	3.16E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.32E-07	2.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.23E-07	2.46E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.12E-07	2.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.02E-07	2.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	9.50E-08	1.90E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-10	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	6.43E-08	1.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	6.65E-08	1.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-10	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	7.96E-08	1.59E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-10	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	1.61E-07	3.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	4.66E-07	9.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-10	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	8.48E-07	1.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.27E-06	2.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	1.76E-06	3.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	2.40E-06	4.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	2.43E-06	4.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	2.71E-06	5.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	2.85E-06	5.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	1.75E-07	3.50E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	1.54E-07	3.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-10	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.07E-07	2.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-10	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	1.37E-07	2.74E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	4.45E-07	8.90E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-10	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	8.06E-08	1.61E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-10	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	7.11E-08	1.42E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	2.63E-07	5.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	2.56E-06	5.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	6.92E-07	1.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	1.58E-08	3.16E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.13E-08	2.26E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	1.87E-08	3.74E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	2.08E-08	4.16E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	4.15E-08	8.30E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-11	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	5.38E-08	1.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	6.31E-08	1.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	4.73E-08	9.46E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.46E-11	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	4.11E-08	8.22E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.22E-11	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	2.50E-08	5.00E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	2.52E-08	5.04E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	1.91E-08	3.82E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	1.30E-07	2.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	2.51E-08	5.02E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	4.92E-08	9.84E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.84E-11	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	6.89E-07	1.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	9.92E-08	1.99E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	9.86E-08	1.97E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-10	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	2.50E-07	5.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-10	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.04E-06	4.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	1.64E-07	3.28E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.43E-07	2.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	3.93E-08	7.86E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.86E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	3.15E-08	6.30E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.39E-08	2.78E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	7.16E-08	1.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	1.78E-08	3.56E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	2.86E-07	5.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	5.75E-08	1.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.42E-07	2.84E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	5.02E-08	1.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	6.88E-08	1.38E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-10	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	9.75E-07	1.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-09	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	9.49E-07	1.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-09	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.27E-07	2.54E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	9.26E-08	1.85E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-10	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	5.13E-08	1.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	6.75E-08	1.35E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	5.40E-08	1.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	7.49E-08	1.50E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-10	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	1.67E-08	3.34E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	4.95E-08	9.91E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-11	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	3.24E-08	6.48E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	4.23E-08	8.46E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-11	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	2.28E-08	4.56E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	1.90E-08	3.80E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	8.02E-08	1.60E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-10	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	4.71E-08	9.42E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-11	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.00E-06	-2.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-07	-4.70E-09	-2.33E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-1.92E-06	-1.34E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	-3.01E-09	-1.49E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.42E-07	9.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.66E-09	2.22E-10	1.10E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	9.85E-08	6.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-09	1.54E-10	7.64E-12	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	6.46E-08	4.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-09	1.01E-10	5.01E-12	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	1.62E-08	1.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	2.54E-11	1.26E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	5.47E-08	3.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-09	8.56E-11	4.24E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-8.22E-07	-5.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.59E-08	-1.29E-09	-6.37E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.76E-06	1.23E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	2.75E-09	1.36E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.51E-06	1.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	2.36E-09	1.17E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.46E-06	1.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.93E-08	2.29E-09	1.13E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.79E-06	1.25E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	2.80E-09	1.39E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.46E-06	2.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-07	5.42E-09	2.68E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	9.35E-06	6.51E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-07	1.46E-08	7.25E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	6.83E-06	4.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	1.07E-08	5.29E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	6.46E-06	4.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-07	1.01E-08	5.01E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	7.27E-06	5.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-07	1.14E-08	5.64E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	7.74E-06	5.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-07	1.21E-08	6.00E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.26E-05	1.57E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-06	3.54E-08	1.75E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.27E-05	8.85E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-07	1.99E-08	9.84E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.55E-05	1.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	2.43E-08	1.20E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.44E-05	1.00E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-07	2.25E-08	1.12E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.03E-05	2.81E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-06	6.31E-08	3.12E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.86E-05	1.30E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-06	2.91E-08	1.44E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.77E-05	1.23E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-06	2.77E-08	1.37E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.06E-05	1.44E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-06	3.22E-08	1.60E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.65E-05	1.85E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-06	4.15E-08	2.05E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.40E-05	-2.37E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-06	-5.32E-08	-2.64E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-5.02E-06	-3.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-07	-7.86E-09	-3.89E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.56E-05	-1.78E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-06	-4.01E-08	-1.98E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.11E-06	-2.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-07	-4.87E-09	-2.41E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.06E-05	-7.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.21E-07	-1.66E-08	-8.22E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-2.97E-07	-2.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-08	-4.65E-10	-2.30E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-3.08E-07	-2.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-08	-4.82E-10	-2.39E-11	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-9.02E-08	-6.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.14E-09	-1.41E-10	-6.99E-12	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.69E-05	1.18E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	2.65E-08	1.31E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.38E-05	1.66E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-06	3.73E-08	1.84E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.38E-05	9.62E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.39E-07	2.16E-08	1.07E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-2.12E-06	-1.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-07	-3.32E-09	-1.64E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.97E-05	-1.37E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-06	-3.08E-08	-1.53E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	9.91E-08	6.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-09	1.55E-10	7.68E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	7.49E-08	5.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-09	1.17E-10	5.81E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	8.59E-08	5.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-09	1.34E-10	6.66E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.45E-07	1.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.86E-09	2.27E-10	1.12E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.52E-07	1.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	2.38E-10	1.18E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	1.70E-07	1.18E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-08	2.66E-10	1.32E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	2.04E-07	1.42E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	3.19E-10	1.58E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	2.13E-07	1.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	3.33E-10	1.65E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	1.11E-07	7.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-09	1.74E-10	8.60E-12	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.08E-07	7.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-09	1.69E-10	8.37E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.30E-07	9.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-09	2.03E-10	1.01E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	7.70E-08	5.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	1.21E-10	5.97E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-2.80E-07	-1.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-08	-4.38E-10	-2.17E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.13E-07	7.87E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.69E-09	1.77E-10	8.76E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.50E-07	1.74E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-08	3.91E-10	1.94E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.19E-05	8.29E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-07	1.86E-08	9.22E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.00E-05	6.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-07	1.57E-08	7.75E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.64E-06	1.14E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	2.57E-09	1.27E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.30E-05	-9.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.84E-07	-2.03E-08	-1.01E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.56E-05	-1.09E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-06	-2.44E-08	-1.21E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.49E-05	1.74E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-06	3.90E-08	1.93E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	9.74E-06	6.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-07	1.52E-08	7.55E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.78E-06	1.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	2.79E-09	1.38E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	1.89E-06	1.32E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	2.96E-09	1.47E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	5.39E-07	3.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	8.44E-10	4.18E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	6.74E-07	4.70E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-08	1.06E-09	5.22E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	9.53E-07	6.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-08	1.49E-09	7.39E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	9.74E-06	6.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-07	1.52E-08	7.55E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.38E-05	2.36E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-06	5.29E-08	2.62E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.30E-05	2.30E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-06	5.17E-08	2.56E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.12E-05	2.17E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-06	4.88E-08	2.42E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	6.97E-06	4.86E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-07	1.09E-08	5.40E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.23E-06	-8.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.37E-08	-1.93E-09	-9.53E-11	0.00E+00
250	-42	-825	18540299	Cr(VI)	1.53E-06	1.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	2.39E-09	1.19E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.32E-05	9.20E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-07	2.07E-08	1.02E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.16E-06	2.20E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-07	4.95E-09	2.45E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.37E-06	9.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-08	2.14E-09	1.06E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.11E-06	1.47E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	3.30E-09	1.64E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.66E-06	1.16E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	2.60E-09	1.29E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.10E-06	2.86E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-07	6.42E-09	3.18E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	7.44E-07	5.18E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-08	1.16E-09	5.77E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.12E-06	2.87E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-07	6.45E-09	3.19E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	3.78E-06	2.63E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-07	5.92E-09	2.93E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	6.63E-06	4.62E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-07	1.04E-08	5.14E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.59E-06	1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	2.49E-09	1.23E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	7.54E-07	5.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-08	1.18E-09	5.84E-11	0.00E+00
263	900	935	18540299	Cr(VI)	6.30E-06	4.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-07	9.86E-09	4.88E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.40E-06	9.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.52E-08	2.19E-09	1.09E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-4.52E-08	-1.73E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-13	-1.20E-12	-8.93E-14	-1.88E-13
266	-1778.03	-291.29	7439921	Lead	7.11E-07	2.73E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-12	1.89E-11	1.41E-12	2.95E-12
267	-1732.28	175.05	7439921	Lead	2.44E-06	9.36E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-11	6.49E-11	4.82E-12	1.01E-11
268	-1579.43	347.93	7439921	Lead	2.18E-06	8.36E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-11	5.80E-11	4.31E-12	9.06E-12
269	-1525.43	516.64	7439921	Lead	1.66E-06	6.36E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-12	4.42E-11	3.28E-12	6.90E-12
270	-1332.88	500.04	7439921	Lead	2.53E-06	9.70E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-11	6.73E-11	5.00E-12	1.05E-11
271	-1140.45	476.3	7439921	Lead	4.48E-06	1.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-11	1.19E-10	8.86E-12	1.86E-11
272	-672.12	353.55	7439921	Lead	6.91E-06	2.65E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-11	1.84E-10	1.37E-11	2.87E-11
273	-169.37	170.38	7439921	Lead	1.43E-05	5.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-11	3.81E-10	2.83E-11	5.94E-11
274	-75.04	299.11	7439921	Lead	1.01E-05	3.87E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-11	2.69E-10	2.00E-11	4.20E-11
275	49.15	527.2	7439921	Lead	7.13E-06	2.73E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-11	1.90E-10	1.41E-11	2.96E-11
276	144.22	648.15	7439921	Lead	6.56E-06	2.52E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-11	1.75E-10	1.30E-11	2.72E-11
277	394.15	623.31	7439921	Lead	8.91E-06	3.42E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-11	2.37E-10	1.76E-11	3.70E-11
278	501.62	717.12	7439921	Lead	1.41E-05	5.41E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-11	3.75E-10	2.79E-11	5.86E-11
279	618.47	665.12	7439921	Lead	1.13E-05	4.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-11	3.01E-10	2.23E-11	4.69E-11
280	755.45	579.13	7439921	Lead	1.06E-05	4.06E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-11	2.82E-10	2.10E-11	4.40E-11
281	867.79	485.41	7439921	Lead	1.12E-05	4.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-11	2.98E-10	2.21E-11	4.65E-11
282	955.03	377.6	7439921	Lead	0.0000116	4.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-11	3.09E-10	2.29E-11	4.82E-11
283	1331.68	-165.58	7439921	Lead	0.0000257	9.85E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	6.84E-10	5.08E-11	1.07E-10
284	1406.74	-290.13	7439921	Lead	0.0000177	6.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.92E-11	4.71E-10	3.50E-11	7.35E-11
285	1456.2	-436.06	7439921	Lead	0.000023	8.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	6.12E-10	4.55E-11	9.55E-11
286	1209.21	-528.32	7439921	Lead	0.0000281	1.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-10	7.48E-10	5.55E-11	1.17E-10
287	913.01	-694.67	7439921	Lead	0.0000559	2.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-10	1.49E-09	1.10E-10	2.32E-10
288	717.24	-664.22	7439921	Lead	0.0000407	1.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-10	1.08E-09	8.05E-11	1.69E-10
289	544.23	-594.35	7439921	Lead	0.0000471	1.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-10	1.25E-09	9.31E-11	1.96E-10
290	338.12	-539.73	7439921	Lead	0.0000574	2.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-10	1.53E-09	1.13E-10	2.38E-10
291	123.44	-529.45	7439921	Lead	0.0000715	2.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-10	1.90E-09	1.41E-10	2.97E-10
292	-353.26	-515.05	7439921	Lead	0.0000138	5.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-11	3.67E-10	2.73E-11	5.73E-11
293	-537.68	-487.8	7439921	Lead	0.0000459	1.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-10	1.22E-09	9.07E-11	1.91E-10
294	-775.51	-486.07	7439921	Lead	0.0000278	1.07E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-10	7.40E-10	5.50E-11	1.15E-10
295	-1414.44	-481.5	7439921	Lead	0.00000173	6.63E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.69E-12	4.60E-11	3.42E-12	7.19E-12
296	-1515.21	-320.18	7439921	Lead	-6.32E-06	-2.42E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-11	-1.68E-10	-1.25E-11	-2.63E-11
297	-1749.69	-63.9	7439921	Lead	2.37E-06	9.09E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-11	6.31E-11	4.68E-12	9.84E-12
298	-920.57	426.17	7439921	Lead	4.75E-06	1.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-11	1.26E-10	9.39E-12	1.97E-11
299	-420.73	233.87	7439921	Lead	1.14E-05	4.37E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-11	3.03E-10	2.25E-11	4.74E-11
300	1090.12	214.1	7439921	Lead	1.95E-05	7.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	5.19E-10	3.85E-11	8.10E-11
301	1183.39	65.17	7439921	Lead	2.64E-05	1.01E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	7.02E-10	5.22E-11	1.10E-10
302	1055.3	-577.42	7439921	Lead	2.87E-05	1.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-10	7.64E-10	5.67E-11	1.19E-10
303	-103.02	-518.78	7439921	Lead	4.60E-05	1.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-10	1.22E-09	9.09E-11	1.91E-10
304	-1076.39	-488.67	7439921	Lead	-0.00000589	-2.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.30E-11	-1.57E-10	-1.16E-11	-2.45E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000488	1.87E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-12	1.30E-11	9.65E-13	2.03E-12
306	-5050.04	-958.41	7439921	Lead	0.000000356	1.37E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-12	9.47E-12	7.04E-13	1.48E-12
307	-4023.97	-112.26	7439921	Lead	5.30E-07	2.03E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-12	1.41E-11	1.05E-12	2.20E-12
308	-2122.34	995.23	7439921	Lead	6.99E-07	2.68E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-12	1.86E-11	1.38E-12	2.90E-12
309	-2734.69	227.4	7439921	Lead	1.10E-06	4.22E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-12	2.93E-11	2.17E-12	4.57E-12
310	-2371.11	-69.21	7439921	Lead	1.44E-06	5.52E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-12	3.83E-11	2.85E-12	5.98E-12
311	-2146.26	177.17	7439921	Lead	1.72E-06	6.59E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-12	4.58E-11	3.40E-12	7.14E-12
312	-1919.02	445.07	7439921	Lead	1.52E-06	5.83E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-12	4.04E-11	3.00E-12	6.31E-12
313	-1651.12	607.72	7439921	Lead	1.30E-06	4.98E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-12	3.46E-11	2.57E-12	5.40E-12
314	-3361.39	677.09	7439921	Lead	6.80E-07	2.61E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-12	1.81E-11	1.34E-12	2.82E-12
315	-3026.51	724.93	7439921	Lead	7.21E-07	2.76E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-12	1.92E-11	1.43E-12	2.99E-12

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	6.61E-07	2.53E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-12	1.76E-11	1.31E-12	2.75E-12
317	-922.86	446.42	7439921	Lead	4.56E-06	1.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-11	1.21E-10	9.01E-12	1.89E-11
318	-1799.42	1088.51	7439921	Lead	7.91E-07	3.03E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-12	2.10E-11	1.56E-12	3.29E-12
319	-359.36	1846.44	7439921	Lead	1.62E-06	6.21E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-12	4.31E-11	3.20E-12	6.73E-12
320	671.3	-742.78	7439921	Lead	2.90E-05	1.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-10	7.72E-10	5.73E-11	1.20E-10
321	-1565.55	-932.22	7439921	Lead	1.27E-05	4.87E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-11	3.38E-10	2.51E-11	5.28E-11
322	-1733.02	-528.24	7439921	Lead	4.63E-06	1.78E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-11	1.23E-10	9.15E-12	1.92E-11
323	-1261.46	-507.67	7439921	Lead	-7.21E-06	-2.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-11	-1.92E-10	-1.43E-11	-2.99E-11
324	-883.92	-503.26	7439921	Lead	0.0000223	8.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	5.93E-10	4.41E-11	9.26E-11
325	1599.35	-1104.97	7439921	Lead	0.0000307	1.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-10	8.17E-10	6.07E-11	1.28E-10
326	1608.16	-1382.63	7439921	Lead	1.45E-05	5.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-11	3.86E-10	2.87E-11	6.02E-11
327	3517.15	-1425.27	7439921	Lead	3.46E-06	1.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-11	9.21E-11	6.84E-12	1.44E-11
328	2959.77	-846.37	7439921	Lead	3.55E-06	1.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-11	9.45E-11	7.02E-12	1.47E-11
329	3479.67	224.81	7439921	Lead	0.00000104	3.99E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-12	2.77E-11	2.06E-12	4.32E-12
330	44.43	1469.76	7439921	Lead	0.00000268	1.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-11	7.13E-11	5.30E-12	1.11E-11
331	3044.83	-34	7439921	Lead	1.66E-06	6.36E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-12	4.42E-11	3.28E-12	6.90E-12
332	1088	-938	7439921	Lead	1.89E-05	7.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	5.03E-10	3.74E-11	7.85E-11
333	1647	-390	7439921	Lead	3.84E-05	1.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	1.02E-09	7.59E-11	1.60E-10
334	1650	-890	7439921	Lead	4.02E-05	1.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-10	1.07E-09	7.95E-11	1.67E-10
335	1430	215	7439921	Lead	3.39E-05	1.30E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-10	9.02E-10	6.70E-11	1.41E-10
336	1142	615	7439921	Lead	0.00000981	3.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-11	2.61E-10	1.94E-11	4.07E-11
337	-333	-788	7439921	Lead	0.0000181	6.94E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-10	4.82E-10	3.58E-11	7.52E-11
338	-42	-825	7439921	Lead	0.0000204	7.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-10	5.43E-10	4.03E-11	8.47E-11
339	1900	-1175	7439921	Lead	0.0000179	6.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	4.76E-10	3.54E-11	7.44E-11
340	1815	-1910	7439921	Lead	0.00000609	2.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-11	1.62E-10	1.20E-11	2.53E-11
341	2575	-2650	7439921	Lead	0.00000304	1.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-11	8.09E-11	6.01E-12	1.26E-11
342	2665	-2025	7439921	Lead	0.00000434	1.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-11	1.15E-10	8.58E-12	1.80E-11
343	3480	-2025	7439921	Lead	0.0000035	1.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-11	9.31E-11	6.92E-12	1.45E-11
344	2667	-1400	7439921	Lead	0.00000691	2.65E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-11	1.84E-10	1.37E-11	2.87E-11
345	3400	-250	7439921	Lead	0.00000144	5.52E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-12	3.83E-11	2.85E-12	5.98E-12
346	2577	-940	7439921	Lead	0.00000668	2.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-11	1.78E-10	1.32E-11	2.77E-11
347	2404	-475	7439921	Lead	0.00000553	2.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-11	1.47E-10	1.09E-11	2.30E-11
348	1577	291	7439921	Lead	0.00000856	3.28E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-11	2.28E-10	1.69E-11	3.56E-11
349	2400	240	7439921	Lead	0.0000025	9.59E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-11	6.65E-11	4.94E-12	1.04E-11
350	2600	1290	7439921	Lead	0.00000145	5.56E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-12	3.86E-11	2.87E-12	6.02E-12
351	900	935	7439921	Lead	0.0000105	4.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-11	2.79E-10	2.08E-11	4.36E-11
352	1375	1395	7439921	Lead	0.00000303	1.16E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-11	8.06E-11	5.99E-12	1.26E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000431	-5.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000278	-3.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.37E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000789	9.58E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-11	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	0.000000103	1.25E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	7.95E-08	9.65E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-12	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000122	-1.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000299	-3.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000155	-1.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000183	2.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000168	2.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000166	2.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.000021	2.55E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000376	4.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000119	1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000861	1.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000824	1.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000945	1.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000102	1.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.00031	3.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000168	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.0002	2.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000176	2.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000537	6.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000238	2.89E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000226	2.74E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000269	3.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000365	4.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000484	-5.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.88E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.0000781	-9.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000361	-4.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000458	-5.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.56E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000148	-1.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.00000474	-5.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.75E-10	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000722	-8.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.76E-10	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000756	-9.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.18E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000234	2.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.29E-04	3.99E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000169	2.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.000032	-3.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000268	-3.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000119	1.44E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000891	1.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	9.94E-07	1.21E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000166	2.02E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000173	2.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000186	2.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000218	2.65E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000212	2.57E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000895	1.09E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000124	1.51E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000153	1.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000707	8.58E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.58E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000675	-8.19E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.19E-10	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.00000119	1.44E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000263	3.19E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000156	1.89E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000137	1.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000187	2.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000177	-2.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000216	-2.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000337	4.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.00013	1.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000227	2.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000239	2.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000682	8.28E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.28E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000787	9.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000122	1.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000127	1.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000454	5.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000439	5.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000422	5.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000916	1.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000192	-2.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000198	2.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000177	2.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000414	5.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000177	2.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000274	3.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000215	2.61E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000538	6.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000935	1.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000536	6.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000497	6.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000882	1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000206	2.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000971	1.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000742	9.01E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000175	2.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.012	1.76E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0097	1.42E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00747	1.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.00777	1.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.00667	9.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.79E-07	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0134	1.97E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.02	2.93E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	0.000553	8.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.11E-08	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0375	5.50E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.023	3.38E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00699	1.03E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.00209	3.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0542	-7.95E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.025	-3.67E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0139	-2.04E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.000282	-4.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-08	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00919	1.35E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0165	2.42E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.068	9.98E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0345	5.06E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0179	2.63E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0227	3.33E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.021	3.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0398	5.84E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0597	8.76E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.115	1.69E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.22	3.23E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0572	8.39E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.0241	3.54E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.0312	4.58E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0196	2.88E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0352	5.17E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0125	1.83E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0179	2.63E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.00346	5.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0378	5.55E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0726	1.07E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0273	4.01E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.198	2.91E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0335	4.92E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000752	1.10E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000529	7.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.76E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000838	1.23E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00108	1.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00172	2.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00279	4.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00325	4.77E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00261	3.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00379	5.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000901	1.32E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.000972	1.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00172	2.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0171	2.51E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00172	2.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00297	4.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0508	7.45E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-06	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00752	1.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00511	7.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-07	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0276	4.05E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0373	5.47E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0116	1.70E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0116	1.70E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.0043	6.31E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00393	5.77E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000911	1.34E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00371	5.44E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.00102	1.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0282	4.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00835	1.23E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00398	5.84E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.000824	-1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0105	1.54E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0428	6.28E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0641	9.41E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.0114	1.67E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00875	1.28E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.0049	7.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00674	9.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00529	7.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.76E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00751	1.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.001	1.47E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00622	9.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.13E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00407	5.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00413	6.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00134	1.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00191	2.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00242	3.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00348	5.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00108	8.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00101	8.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00132	1.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00148	1.18E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00135	1.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00435	3.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00574	4.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00381	3.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00513	4.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00339	2.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00207	1.66E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00162	1.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00101	8.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000252	2.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000622	4.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000996	7.97E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.97E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00114	9.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0014	1.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00311	2.49E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00503	4.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00852	6.82E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.018	1.44E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.0061	4.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00632	5.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00626	5.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00603	4.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00627	5.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00349	2.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00269	2.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00112	8.96E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000675	5.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.40E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00179	1.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00129	1.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00417	3.34E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00468	3.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000459	3.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00152	1.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0143	1.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00518	4.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.00087	6.96E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000114	9.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000716	5.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000106	8.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000222	1.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000249	1.99E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000357	2.86E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000508	4.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.0006	4.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000721	5.77E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000153	1.22E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000179	1.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000409	3.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00406	3.25E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.00037	2.96E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000773	6.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.19E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00714	5.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000802	6.42E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000202	1.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00125	1.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00195	1.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00339	2.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.0026	2.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00133	1.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00136	1.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000257	2.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000978	7.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.83E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000381	3.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00616	4.93E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00144	1.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00347	2.78E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000528	-4.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000952	7.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00366	2.93E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00439	3.51E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00332	2.66E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00185	1.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00109	8.72E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00155	1.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00129	1.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00213	1.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000411	3.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00217	1.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00124	9.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.93E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000961	7.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.69E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000436	3.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000373	2.99E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000912	7.30E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.30E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000749	6.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00206	2.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00216	2.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00327	4.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00367	4.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00334	4.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0108	1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0143	1.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00932	1.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0135	1.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00882	1.18E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00518	6.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00384	5.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00163	2.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00179	-2.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.39E-09	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000386	5.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00169	2.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00208	2.77E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00282	3.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00657	8.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0116	1.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0197	2.63E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0441	5.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0108	1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.013	1.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0132	1.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0134	1.79E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0167	2.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	4.52E-03	6.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.09E-03	2.79E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-2.64E-03	-3.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.29E-03	-1.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	2.75E-03	3.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.95E-03	3.94E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.01E-02	1.35E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.12E-02	1.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00122	-1.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.13E-03	2.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.41E-02	4.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	9.43E-03	1.26E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00221	-2.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.56E-04	3.42E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000159	2.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000235	3.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000507	6.76E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000564	7.52E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000784	1.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00117	1.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00142	1.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00171	2.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000353	4.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000416	5.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	9.67E-04	1.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00981	1.31E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	8.65E-04	1.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.0018	2.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0165	2.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.00104	1.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00112	-1.49E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.00022	2.93E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.00108	1.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00666	8.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00539	7.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00319	4.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00325	4.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000591	7.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00223	2.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000861	1.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0144	1.92E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000614	8.19E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.19E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.0053	7.07E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.07E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00423	-5.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.64E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00168	2.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.008	1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0101	1.35E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.0075	1.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00431	5.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00257	3.43E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00366	4.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00308	4.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00505	6.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000951	1.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00516	6.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00282	3.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00178	2.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000939	1.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000868	1.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00179	2.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00174	2.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00946	-1.26E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00604	-8.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.06E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00106	-1.41E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.000895	-1.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000749	-9.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.99E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00114	1.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00118	1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.0046	-6.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.14E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00127	1.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00091	-1.21E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00357	-4.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00554	-7.39E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0143	-1.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0267	-3.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0174	-2.32E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0123	-1.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0115	-1.53E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.01	-1.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0151	-2.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0109	-1.45E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0171	-2.28E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00627	-8.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.36E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0648	-8.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0526	-7.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.02E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0586	-7.82E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.82E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0602	-8.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.03E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0404	-5.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.39E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0518	-6.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.91E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0577	-7.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.70E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0689	-9.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0377	-5.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.03E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0211	-2.81E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00273	-3.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.22E-03	-2.96E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.42E-03	-4.56E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.56E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.00E-02	-4.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.03E-02	-2.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.17E-02	-1.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.19E-02	-5.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.59E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-5.56E-02	-7.42E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.42E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-2.87E-04	-3.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.08E-04	-2.77E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.12E-04	-4.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.16E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-4.70E-04	-6.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.27E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-5.92E-04	-7.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.90E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.18E-03	-1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-9.13E-04	-1.22E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-6.46E-04	-8.62E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.62E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-8.15E-04	-1.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-2.82E-04	-3.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.76E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.10E-04	-4.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-4.86E-04	-6.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.48E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.06E-03	-2.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-5.67E-04	-7.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.56E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.21E-03	-1.61E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.38E-02	-1.84E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.18E-02	-1.57E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.06E-02	-2.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-3.66E-02	-4.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.88E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-4.72E-02	-6.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.30E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.13E-02	-2.84E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.28E-02	-1.71E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-8.65E-04	-1.15E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.08E-03	-1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.02E-04	-6.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.70E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.13E-03	-2.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-9.53E-04	-1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-8.44E-03	-1.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.73E-02	-4.98E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.98E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.10E-02	-5.47E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.74E-02	-4.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.40E-03	-1.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.25E-02	-1.67E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-8.17E-03	-1.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-8.47E-03	-1.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.01E-03	-4.02E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.27E-03	-1.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.72E-03	-2.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.12E-03	-1.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.26E-03	-3.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-7.38E-04	-9.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.84E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.10E-03	-2.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.00E-03	-4.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-7.35E-03	-9.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.80E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.69E-03	-2.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.13E-04	-8.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-5.81E-03	-7.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.75E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.30E-03	-1.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.05E-03	-3.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.01E-03	-2.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-5.82E-04	-6.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.75E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-5.62E-04	-6.52E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.52E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-4.93E-04	-5.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.72E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-5.13E-04	-5.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.95E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-7.74E-04	-8.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.98E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.14E-03	-2.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-6.57E-04	-7.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-9.59E-04	-1.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.49E-03	-1.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-1.99E-03	-2.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00449	-5.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.21E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00802	-9.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.31E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00535	-6.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.21E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00389	-4.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00369	-4.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00329	-3.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00514	-5.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00427	-4.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00679	-7.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.88E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00542	-6.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.29E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0207	-2.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0171	-1.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0189	-2.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0194	-2.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0135	-1.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0162	-1.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0178	-2.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0209	-2.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0114	-1.32E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00666	-7.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.73E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00107	-1.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00148	-1.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00194	-2.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00909	-1.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00639	-7.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.42E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00631	-7.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.32E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0136	-1.58E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0168	-1.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000108	-1.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000764	-8.87E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000114	-1.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000184	-2.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000226	-2.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000424	-4.92E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000373	-4.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.33E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000311	-3.61E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000386	-4.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.48E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000115	-1.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000128	-1.49E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000226	-2.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.41E-03	-1.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.42E-04	-2.81E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.15E-04	-5.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-5.53E-03	-6.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.42E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.0037	-4.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.29E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00621	-7.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.21E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0112	-1.30E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0146	-1.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00704	-8.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.36E-03	-5.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.19E-04	-6.02E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000591	-6.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000201	-2.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000831	-9.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.64E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.00036	-4.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00374	-4.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0115	-1.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.013	-1.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0111	-1.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00271	-3.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00446	-5.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00331	-3.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00319	-3.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00126	-1.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000594	-6.89E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.89E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00082	-9.52E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.52E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000589	-6.84E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.84E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.10E-03	-1.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.02E-04	-3.51E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00105	-1.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00114	-1.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00239	-2.77E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-5.92E-04	-6.87E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.87E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.57E-04	-2.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.98E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-1.92E-03	-2.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000538	-6.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.24E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00708	1.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00693	1.94E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00961	2.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0108	3.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00982	2.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0316	8.85E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.85E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0416	1.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0276	7.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0386	1.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0254	7.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0153	4.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0117	3.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.0063	1.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00213	-5.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00311	8.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.0063	1.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00736	2.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00935	2.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.10E-02	5.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0353	9.89E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0599	1.68E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.13	3.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.88E-02	1.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0431	1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.36E-02	1.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.37E-02	1.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0498	1.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0198	5.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0134	3.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.00095	2.66E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.000954	2.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0107	3.00E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00899	2.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0298	8.35E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0333	9.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000198	5.55E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00881	2.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.101	2.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0329	9.22E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000509	1.43E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000788	2.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000493	1.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000729	2.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.55E-03	4.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00173	4.85E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00245	6.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00356	9.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00425	1.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.0051	1.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.07E-03	3.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00126	3.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00289	8.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.029	8.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00261	7.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00544	1.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.05	1.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00455	1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000678	-1.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00525	1.4707E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4707E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00911	2.5521E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5521E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0222	6.2191E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2191E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0174	4.8744E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8744E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00945	2.6473E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6473E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00966	2.7062E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7062E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00179	5.0145E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0145E-09	0	0	0

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00681	1.9078E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9078E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00264	7.3957E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3957E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0434	1.2158E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2158E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.0065	1.8209E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8209E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0207	5.7989E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7989E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00767	-2.1487E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1487E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00598	1.6752E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6752E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.025	7.0035E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0035E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0307	8.6003E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6003E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.023	6.4432E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4432E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.013	3.6418E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6418E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.0077	2.1571E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1571E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.011	3.0815E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0815E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00918	2.5717E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5717E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0151	4.2301E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2301E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00288	8.068E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.068E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0154	4.3142E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3142E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00863	2.4176E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4176E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00616	1.7257E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7257E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00297	8.3202E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3202E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00262	7.3397E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3397E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00596	1.6696E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6696E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00525	1.4707E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4707E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000265	1.2373E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2373E-11	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.0000254	1.1859E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1859E-11	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.000021	9.8049E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8049E-12	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.0000164	7.6572E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6572E-12	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000123	5.7429E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7429E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000146	6.8167E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.8167E-12	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.0000186	8.6843E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6843E-12	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000572	2.6707E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6707E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.000132	6.1631E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1631E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.0000945	4.4122E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4122E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.0000604	2.8201E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8201E-11	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.0000493	2.3018E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3018E-11	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000045	2.1011E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1011E-11	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.0000375	1.7509E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7509E-11	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.0000356	1.6622E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6622E-11	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.0000329	1.5361E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5361E-11	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.0000302	1.41E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000278	1.298E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.298E-11	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.0000178	8.3108E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3108E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.0000184	8.591E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.591E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.0000224	1.0459E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0459E-11	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000472	2.2038E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2038E-11	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.00014	6.5366E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5366E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.000259	1.2093E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2093E-10	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.000388	1.8116E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8116E-10	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.00054	2.5213E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5213E-10	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.000732	3.4177E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4177E-10	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.000687	3.2076E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2076E-10	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000696	3.2496E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2496E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000629	2.9368E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9368E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000402	1.8769E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8769E-11	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.0000378	1.7649E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7649E-11	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.0000269	1.256E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.256E-11	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000305	1.424E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.424E-11	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.0001	4.669E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.669E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000023	1.0739E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0739E-11	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.0000199	9.2913E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2913E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000785	3.6652E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6652E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.000765	3.5718E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5718E-10	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.000169	7.8906E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8906E-11	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.00000378	1.7649E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7649E-12	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000291	1.3587E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3587E-12	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000504	2.3532E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3532E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000515	2.4045E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4045E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.0000106	4.9491E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9491E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.0000141	6.5833E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5833E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.000016	7.4704E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4704E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.0000122	5.6962E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6962E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.00000995	4.6457E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6457E-12	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000643	3.0022E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0022E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000661	3.0862E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0862E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.00000467	2.1804E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1804E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.0000291	1.3587E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3587E-11	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000561	2.6193E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6193E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.0000129	6.023E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.023E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.000207	9.6648E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6648E-11	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000236	1.1019E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1019E-11	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.0000234	1.0925E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0925E-11	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000562	2.624E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.624E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000447	2.087E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.087E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.0000478	2.2318E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2318E-11	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.0000407	1.9003E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9003E-11	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.0000111	5.1826E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1826E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.00000848	3.9593E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9593E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.00000348	1.6248E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6248E-12	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0000195	9.1046E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1046E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.00000454	2.1197E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1197E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.0000842	3.9313E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9313E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.0000159	7.4237E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4237E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000418	1.9516E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9516E-11	0	0	0
1039	1430	215	75092	Methylene Chlor	0.0000139	6.4899E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4899E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.0000201	9.3847E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3847E-12	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.000273	1.2746E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2746E-10	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.000274	1.2793E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2793E-10	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.000037	1.7275E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7275E-11	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.0000259	1.2093E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2093E-11	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.0000142	6.63E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.0000188	8.7777E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7777E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.0000151	7.0502E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0502E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.0000215	1.0038E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0038E-11	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000426	1.989E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.989E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.0000139	6.4899E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4899E-12	0	0	0

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.00000861	4.02E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.0000116	5.416E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.416E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000591	2.7594E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7594E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000528	2.4652E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4652E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.0000228	1.0645E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0645E-11	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000013	6.0697E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0697E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000497	-7.956E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.956E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000241	-3.8579E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8579E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000231	3.6978E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6978E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000284	4.5463E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5463E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000266	4.2581E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2581E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00114	1.8249E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8249E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00148	2.3692E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3692E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000546	8.7404E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7404E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00132	2.1131E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1131E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000734	1.175E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.175E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000209	3.3457E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3457E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000561	-8.9805E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.9805E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.0009	-1.4407E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4407E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00213	-3.4097E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4097E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00124	-1.985E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.985E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000743	-1.1894E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1894E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000649	-1.0389E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0389E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000466	-7.4597E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.4597E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000456	-7.2996E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2996E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.00034	5.4427E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4427E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000693	1.1094E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1094E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00385	6.1631E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1631E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00371	-5.939E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.939E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00269	-4.3062E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3062E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.0032	-5.1226E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1226E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00341	-5.4587E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4587E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00179	-2.8654E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8654E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00328	-5.2506E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2506E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00395	-6.3232E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3232E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00522	-8.3562E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.3562E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00284	-4.5463E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5463E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00124	-1.985E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.985E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.0000932	1.4919E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4919E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000829	1.3271E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3271E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000855	1.3687E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3687E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00228	-3.6498E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6498E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00125	-2.001E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.001E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00251	4.018E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.018E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00209	-3.3457E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3457E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00422	-6.7554E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.7554E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.00000453	7.2516E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2516E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000693	1.1094E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1094E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000636	1.0181E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0181E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000016	2.5613E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5613E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000128	2.049E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.049E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000802	-1.2838E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2838E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000498	7.972E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.972E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000933	1.4935E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4935E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000109	1.7449E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7449E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000143	2.2891E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2891E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000185	2.9615E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9615E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000601	9.6208E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6208E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000816	1.3063E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3063E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000442	7.0755E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0755E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000899	1.4391E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4391E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000625	1.0005E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0005E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000747	-1.1958E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1958E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00159	-2.5453E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5453E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00261	-4.1781E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1781E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.0033	-5.2826E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2826E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000876	-1.4023E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4023E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000395	-6.3232E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3232E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000251	4.018E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.018E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000241	3.8579E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8579E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000219	3.5058E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5058E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000661	1.0581E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0581E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000161	2.5773E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5773E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000813	1.3015E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3015E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00263	-4.2101E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2101E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00243	-3.8899E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8899E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00311	-4.9785E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9785E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.00044	-7.0435E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.0435E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000112	-1.7929E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7929E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000407	6.5153E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5153E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000127	2.033E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.033E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000207	3.3137E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3137E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000161	2.5773E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5773E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000236	3.7779E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7779E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000222	3.5538E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5538E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000334	5.3467E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3467E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000403	6.4512E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4512E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000356	5.6988E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6988E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.000061	9.7649E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.7649E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000353	-5.6508E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6508E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000294	-4.7064E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7064E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000413	6.6113E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6113E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000243	-3.8899E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8899E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000767	1.2278E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2278E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0174	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0106	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00154	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0014	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.0013	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.00227	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00318	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00312	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0137	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0107	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00785	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:05:10 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_30-Year Adult Resident_16-46_HRAInpu

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00842	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00548	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0397	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0288	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0297	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0369	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0423	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.137	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0727	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0796	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0701	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.218	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0946	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0897	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.116	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.178	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.206	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0255	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.145	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0177	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0592	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000267	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00178	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.0000997	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.109	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.147	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0683	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00557	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0982	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000648	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000461	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000568	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000834	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00104	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00132	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00151	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00128	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00104	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000663	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000781	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000625	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00174	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.000788	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00162	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.071	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0581	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.00516	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.064	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0771	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.141	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0547	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00994	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0102	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00268	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00363	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00476	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0563	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.181	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.173	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.17	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0363	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000591	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.019	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.075	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0186	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00817	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0126	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00981	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0234	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.0037	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0227	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0206	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0356	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00794	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00418	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0153	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00688	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-1.40E-09	25YrCancerHighEnd_InhSoilDerm	-2.94E-10	-7.93E-10	-3.17E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-9.49E-10	25YrCancerHighEnd_InhSoilDerm	-1.98E-10	-5.36E-10	-2.14E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-6.33E-11	25YrCancerHighEnd_InhSoilDerm	-1.32E-11	-3.57E-11	-1.43E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-9.23E-11	25YrCancerHighEnd_InhSoilDerm	-1.93E-11	-5.21E-11	-2.09E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-8.55E-11	25YrCancerHighEnd_InhSoilDerm	-1.79E-11	-4.83E-11	-1.93E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-2.27E-10	25YrCancerHighEnd_InhSoilDerm	-4.74E-11	-1.28E-10	-5.12E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-3.90E-10	25YrCancerHighEnd_InhSoilDerm	-8.17E-11	-2.21E-10	-8.82E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-7.36E-10	25YrCancerHighEnd_InhSoilDerm	-1.54E-10	-4.16E-10	-1.66E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	1.30E-10	25YrCancerHighEnd_InhSoilDerm	2.72E-11	7.35E-11	2.94E-11	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	2.52E-10	25YrCancerHighEnd_InhSoilDerm	5.27E-11	1.42E-10	5.69E-11	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	4.39E-10	25YrCancerHighEnd_InhSoilDerm	9.18E-11	2.48E-10	9.92E-11	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	6.62E-10	25YrCancerHighEnd_InhSoilDerm	1.38E-10	3.74E-10	1.49E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	1.83E-09	25YrCancerHighEnd_InhSoilDerm	3.82E-10	1.03E-09	4.13E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	4.39E-09	25YrCancerHighEnd_InhSoilDerm	9.18E-10	2.48E-09	9.92E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	3.16E-09	25YrCancerHighEnd_InhSoilDerm	6.60E-10	1.78E-09	7.13E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	2.88E-09	25YrCancerHighEnd_InhSoilDerm	6.02E-10	1.62E-09	6.50E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	3.12E-09	25YrCancerHighEnd_InhSoilDerm	6.53E-10	1.76E-09	7.05E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	3.21E-09	25YrCancerHighEnd_InhSoilDerm	6.71E-10	1.81E-09	7.25E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	9.23E-09	25YrCancerHighEnd_InhSoilDerm	1.93E-09	5.21E-09	2.09E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	5.13E-09	25YrCancerHighEnd_InhSoilDerm	1.07E-09	2.90E-09	1.16E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	6.52E-09	25YrCancerHighEnd_InhSoilDerm	1.36E-09	3.68E-09	1.47E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	5.71E-09	25YrCancerHighEnd_InhSoilDerm	1.20E-09	3.23E-09	1.29E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	1.72E-08	25YrCancerHighEnd_InhSoilDerm	3.59E-09	9.70E-09	3.88E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	7.68E-09	25YrCancerHighEnd_InhSoilDerm	1.61E-09	4.34E-09	1.74E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	7.23E-09	25YrCancerHighEnd_InhSoilDerm	1.51E-09	4.08E-09	1.63E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	8.04E-09	25YrCancerHighEnd_InhSoilDerm	1.68E-09	4.54E-09	1.82E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	9.55E-09	25YrCancerHighEnd_InhSoilDerm	2.00E-09	5.40E-09	2.16E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-1.52E-08	25YrCancerHighEnd_InhSoilDerm	-3.19E-09	-8.60E-09	-3.44E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-3.21E-09	25YrCancerHighEnd_InhSoilDerm	-6.71E-10	-1.81E-09	-7.25E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-1.20E-08	25YrCancerHighEnd_InhSoilDerm	-2.51E-09	-6.78E-09	-2.71E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-1.55E-09	25YrCancerHighEnd_InhSoilDerm	-3.23E-10	-8.73E-10	-3.49E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-4.84E-09	25YrCancerHighEnd_InhSoilDerm	-1.01E-09	-2.73E-09	-1.09E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-3.07E-10	25YrCancerHighEnd_InhSoilDerm	-6.41E-11	-1.73E-10	-6.93E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-5.55E-10	25YrCancerHighEnd_InhSoilDerm	-1.16E-10	-3.14E-10	-1.25E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-4.97E-10	25YrCancerHighEnd_InhSoilDerm	-1.04E-10	-2.81E-10	-1.12E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	6.62E-09	25YrCancerHighEnd_InhSoilDerm	1.38E-09	3.74E-09	1.49E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	9.68E-09	25YrCancerHighEnd_InhSoilDerm	2.03E-09	5.47E-09	2.19E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	5.45E-09	25YrCancerHighEnd_InhSoilDerm	1.14E-09	3.08E-09	1.23E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-2.52E-09	25YrCancerHighEnd_InhSoilDerm	-5.28E-10	-1.43E-09	-5.70E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-9.39E-09	25YrCancerHighEnd_InhSoilDerm	-1.96E-09	-5.30E-09	-2.12E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	2.58E-11	25YrCancerHighEnd_InhSoilDerm	5.41E-12	1.46E-11	5.84E-12	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	2.09E-11	25YrCancerHighEnd_InhSoilDerm	4.38E-12	1.18E-11	4.73E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	1.92E-11	25YrCancerHighEnd_InhSoilDerm	4.01E-12	1.08E-11	4.33E-12	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	4.07E-11	25YrCancerHighEnd_InhSoilDerm	8.51E-12	2.30E-11	9.19E-12	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	2.92E-11	25YrCancerHighEnd_InhSoilDerm	6.10E-12	1.65E-11	6.59E-12	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	1.71E-11	25YrCancerHighEnd_InhSoilDerm	3.59E-12	9.68E-12	3.87E-12	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	2.28E-11	25YrCancerHighEnd_InhSoilDerm	4.76E-12	1.29E-11	5.14E-12	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	3.58E-11	25YrCancerHighEnd_InhSoilDerm	7.49E-12	2.02E-11	8.09E-12	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-2.01E-11	25YrCancerHighEnd_InhSoilDerm	-4.20E-12	-1.13E-11	-4.54E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	2.68E-11	25YrCancerHighEnd_InhSoilDerm	5.61E-12	1.51E-11	6.06E-12	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	3.58E-11	25YrCancerHighEnd_InhSoilDerm	7.49E-12	2.02E-11	8.09E-12	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-1.37E-12	25YrCancerHighEnd_InhSoilDerm	-2.88E-13	-7.77E-13	-3.11E-13	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-5.23E-10	25YrCancerHighEnd_InhSoilDerm	-1.09E-10	-2.95E-10	-1.18E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	1.55E-11	25YrCancerHighEnd_InhSoilDerm	3.23E-12	8.73E-12	3.49E-12	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	4.32E-11	25YrCancerHighEnd_InhSoilDerm	9.05E-12	2.44E-11	9.77E-12	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	4.42E-09	25YrCancerHighEnd_InhSoilDerm	9.25E-10	2.50E-09	9.99E-10	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	4.23E-09	25YrCancerHighEnd_InhSoilDerm	8.84E-10	2.39E-09	9.55E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	7.49E-10	25YrCancerHighEnd_InhSoilDerm	1.57E-10	4.23E-10	1.69E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-6.23E-09	25YrCancerHighEnd_InhSoilDerm	-1.30E-09	-3.52E-09	-1.41E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-7.87E-09	25YrCancerHighEnd_InhSoilDerm	-1.65E-09	-4.45E-09	-1.78E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	1.05E-08	25YrCancerHighEnd_InhSoilDerm	2.20E-09	5.94E-09	2.38E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	4.00E-09	25YrCancerHighEnd_InhSoilDerm	8.37E-10	2.26E-09	9.04E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	6.81E-10	25YrCancerHighEnd_InhSoilDerm	1.42E-10	3.85E-10	1.54E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	7.36E-10	25YrCancerHighEnd_InhSoilDerm	1.54E-10	4.16E-10	1.66E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	2.24E-10	25YrCancerHighEnd_InhSoilDerm	4.68E-11	1.26E-10	5.05E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	2.17E-10	25YrCancerHighEnd_InhSoilDerm	4.54E-11	1.23E-10	4.90E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	4.00E-10	25YrCancerHighEnd_InhSoilDerm	8.37E-11	2.26E-10	9.04E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	3.74E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-10	2.11E-09	8.46E-10	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	1.48E-08	25YrCancerHighEnd_InhSoilDerm	3.10E-09	8.37E-09	3.35E-09	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	1.44E-08	25YrCancerHighEnd_InhSoilDerm	3.02E-09	8.15E-09	3.26E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	1.37E-08	25YrCancerHighEnd_InhSoilDerm	2.86E-09	7.73E-09	3.09E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	3.00E-09	25YrCancerHighEnd_InhSoilDerm	6.27E-10	1.69E-09	6.77E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-1.27E-09	25YrCancerHighEnd_InhSoilDerm	-2.66E-10	-7.18E-10	-2.87E-10	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-1.86E-10	25YrCancerHighEnd_InhSoilDerm	-3.88E-11	-1.05E-10	-4.19E-11	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	5.49E-09	25YrCancerHighEnd_InhSoilDerm	1.15E-09	3.10E-09	1.24E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	1.20E-09	25YrCancerHighEnd_InhSoilDerm	2.52E-10	6.80E-10	2.72E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	4.97E-10	25YrCancerHighEnd_InhSoilDerm	1.04E-10	2.81E-10	1.12E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	7.78E-10	25YrCancerHighEnd_InhSoilDerm	1.63E-10	4.39E-10	1.76E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	6.13E-10	25YrCancerHighEnd_InhSoilDerm	1.28E-10	3.46E-10	1.39E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	1.62E-09	25YrCancerHighEnd_InhSoilDerm	3.39E-10	9.15E-10	3.66E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	3.05E-10	25YrCancerHighEnd_InhSoilDerm	6.38E-11	1.72E-10	6.89E-11	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	1.66E-09	25YrCancerHighEnd_InhSoilDerm	3.46E-10	9.35E-10	3.74E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	1.57E-09	25YrCancerHighEnd_InhSoilDerm	3.27E-10	8.84E-10	3.54E-10	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	2.84E-09	25YrCancerHighEnd_InhSoilDerm	5.95E-10	1.61E-09	6.42E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	6.87E-10	25YrCancerHighEnd_InhSoilDerm	1.44E-10	3.88E-10	1.55E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	2.94E-10	25YrCancerHighEnd_InhSoilDerm	6.15E-11	1.66E-10	6.64E-11	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	3.32E-09	25YrCancerHighEnd_InhSoilDerm	6.95E-10	1.88E-09	7.51E-10	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	5.74E-10	25YrCancerHighEnd_InhSoilDerm	1.20E-10	3.24E-10	1.30E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	25YrCancerHighEnd_InhSoilDerm	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.49E-06	-1.03E-07	25YrCancerHighEnd_InhSoilDerm	-1.00E-07	-2.12E-09	-2.83E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.25E-06	-6.61E-08	25YrCancerHighEnd_InhSoilDerm	-6.46E-08	-1.37E-09	-1.82E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.30E-07	3.82E-09	25YrCancerHighEnd_InhSoilDerm	3.73E-09	7.90E-11	1.05E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	8.70E-08	2.56E-09	25YrCancerHighEnd_InhSoilDerm	2.50E-09	5.29E-11	7.05E-12	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	5.36E-08	1.57E-09	25YrCancerHighEnd_InhSoilDerm	1.54E-09	3.26E-11	4.34E-12	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-6.62E-09	-1.95E-10	25YrCancerHighEnd_InhSoilDerm	-1.90E-10	-4.02E-12	-5.36E-13	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	3.13E-08	9.20E-10	25YrCancerHighEnd_InhSoilDerm	8.98E-10	1.90E-11	2.54E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.06E-06	-3.11E-08	25YrCancerHighEnd_InhSoilDerm	-3.04E-08	-6.44E-10	-8.59E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.83E-06	5.38E-08	25YrCancerHighEnd_InhSoilDerm	5.25E-08	1.11E-09	1.48E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.59E-06	4.67E-08	25YrCancerHighEnd_InhSoilDerm	4.56E-08	9.66E-10	1.29E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.59E-06	4.67E-08	25YrCancerHighEnd_InhSoilDerm	4.56E-08	9.66E-10	1.29E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.98E-06	5.82E-08	25YrCancerHighEnd_InhSoilDerm	5.68E-08	1.20E-09	1.60E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.91E-06	1.15E-07	25YrCancerHighEnd_InhSoilDerm	1.12E-07	2.38E-09	3.17E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.07E-05	3.14E-07	25YrCancerHighEnd_InhSoilDerm	3.07E-07	6.50E-09	8.67E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.80E-06	2.29E-07	25YrCancerHighEnd_InhSoilDerm	2.24E-07	4.74E-09	6.32E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.38E-06	2.17E-07	25YrCancerHighEnd_InhSoilDerm	2.12E-07	4.48E-09	5.98E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.31E-06	2.44E-07	25YrCancerHighEnd_InhSoilDerm	2.38E-07	5.05E-09	6.73E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.85E-06	2.60E-07	25YrCancerHighEnd_InhSoilDerm	2.54E-07	5.38E-09	7.17E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.60E-05	7.64E-07	25YrCancerHighEnd_InhSoilDerm	7.46E-07	1.58E-08	2.11E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.46E-05	4.29E-07	25YrCancerHighEnd_InhSoilDerm	4.19E-07	8.87E-09	1.18E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.78E-05	5.23E-07	25YrCancerHighEnd_InhSoilDerm	5.11E-07	1.08E-08	1.44E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.65E-05	4.85E-07	25YrCancerHighEnd_InhSoilDerm	4.73E-07	1.00E-08	1.34E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.61E-05	1.35E-06	25YrCancerHighEnd_InhSoilDerm	1.32E-06	2.80E-08	3.73E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.10E-05	6.17E-07	25YrCancerHighEnd_InhSoilDerm	6.03E-07	1.28E-08	1.70E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.99E-05	5.85E-07	25YrCancerHighEnd_InhSoilDerm	5.71E-07	1.21E-08	1.61E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.29E-05	6.73E-07	25YrCancerHighEnd_InhSoilDerm	6.57E-07	1.39E-08	1.86E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.95E-05	8.67E-07	25YrCancerHighEnd_InhSoilDerm	8.46E-07	1.79E-08	2.39E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.01E-05	-1.18E-06	25YrCancerHighEnd_InhSoilDerm	-1.15E-06	-2.44E-08	-3.25E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.85E-06	-2.01E-07	25YrCancerHighEnd_InhSoilDerm	-1.97E-07	-4.16E-09	-5.55E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.05E-05	-8.96E-07	25YrCancerHighEnd_InhSoilDerm	-8.75E-07	-1.85E-08	-2.47E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.64E-06	-1.07E-07	25YrCancerHighEnd_InhSoilDerm	-1.04E-07	-2.21E-09	-2.95E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.23E-05	-3.61E-07	25YrCancerHighEnd_InhSoilDerm	-3.53E-07	-7.47E-09	-9.96E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-3.84E-07	-1.13E-08	25YrCancerHighEnd_InhSoilDerm	-1.10E-08	-2.33E-10	-3.11E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-4.08E-07	-1.20E-08	25YrCancerHighEnd_InhSoilDerm	-1.17E-08	-2.48E-10	-3.31E-11	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-2.81E-07	-8.26E-09	25YrCancerHighEnd_InhSoilDerm	-8.06E-09	-1.71E-10	-2.28E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.93E-05	5.67E-07	25YrCancerHighEnd_InhSoilDerm	5.54E-07	1.17E-08	1.56E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.73E-05	8.02E-07	25YrCancerHighEnd_InhSoilDerm	7.83E-07	1.66E-08	2.21E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.58E-05	4.64E-07	25YrCancerHighEnd_InhSoilDerm	4.53E-07	9.60E-09	1.28E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-3.46E-06	-1.02E-07	25YrCancerHighEnd_InhSoilDerm	-9.93E-08	-2.10E-09	-2.80E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.28E-05	-6.70E-07	25YrCancerHighEnd_InhSoilDerm	-6.54E-07	-1.39E-08	-1.85E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.08E-07	3.17E-09	25YrCancerHighEnd_InhSoilDerm	3.10E-09	6.56E-11	8.75E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	8.16E-08	2.40E-09	25YrCancerHighEnd_InhSoilDerm	2.34E-09	4.96E-11	6.61E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	9.12E-08	2.68E-09	25YrCancerHighEnd_InhSoilDerm	2.62E-09	5.54E-11	7.39E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.58E-07	4.64E-09	25YrCancerHighEnd_InhSoilDerm	4.53E-09	9.60E-11	1.28E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.58E-07	4.64E-09	25YrCancerHighEnd_InhSoilDerm	4.53E-09	9.60E-11	1.28E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	1.74E-07	5.11E-09	25YrCancerHighEnd_InhSoilDerm	4.99E-09	1.06E-10	1.41E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	2.09E-07	6.14E-09	25YrCancerHighEnd_InhSoilDerm	6.00E-09	1.27E-10	1.69E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	2.26E-07	6.64E-09	25YrCancerHighEnd_InhSoilDerm	6.48E-09	1.37E-10	1.83E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	1.12E-07	3.29E-09	25YrCancerHighEnd_InhSoilDerm	3.21E-09	6.81E-11	9.07E-12	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.14E-07	3.35E-09	25YrCancerHighEnd_InhSoilDerm	3.27E-09	6.93E-11	9.24E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.39E-07	4.08E-09	25YrCancerHighEnd_InhSoilDerm	3.99E-09	8.45E-11	1.13E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	8.08E-08	2.37E-09	25YrCancerHighEnd_InhSoilDerm	2.32E-09	4.91E-11	6.55E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-3.73E-07	-1.10E-08	25YrCancerHighEnd_InhSoilDerm	-1.07E-08	-2.27E-10	-3.02E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.19E-07	3.50E-09	25YrCancerHighEnd_InhSoilDerm	3.41E-09	7.23E-11	9.64E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.67E-07	7.85E-09	25YrCancerHighEnd_InhSoilDerm	7.66E-09	1.62E-10	2.16E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.34E-05	3.94E-07	25YrCancerHighEnd_InhSoilDerm	3.85E-07	8.14E-09	1.09E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.15E-05	3.38E-07	25YrCancerHighEnd_InhSoilDerm	3.30E-07	6.99E-09	9.32E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.84E-06	5.41E-08	25YrCancerHighEnd_InhSoilDerm	5.28E-08	1.12E-09	1.49E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.50E-05	-4.41E-07	25YrCancerHighEnd_InhSoilDerm	-4.30E-07	-9.11E-09	-1.22E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.87E-05	-5.49E-07	25YrCancerHighEnd_InhSoilDerm	-5.37E-07	-1.14E-08	-1.52E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.86E-05	8.40E-07	25YrCancerHighEnd_InhSoilDerm	8.21E-07	1.74E-08	2.32E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.11E-05	3.26E-07	25YrCancerHighEnd_InhSoilDerm	3.19E-07	6.74E-09	8.99E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.03E-06	5.96E-08	25YrCancerHighEnd_InhSoilDerm	5.82E-08	1.23E-09	1.64E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.16E-06	6.35E-08	25YrCancerHighEnd_InhSoilDerm	6.20E-08	1.31E-09	1.75E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.13E-07	1.80E-08	25YrCancerHighEnd_InhSoilDerm	1.76E-08	3.72E-10	4.97E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	7.45E-07	2.19E-08	25YrCancerHighEnd_InhSoilDerm	2.14E-08	4.53E-10	6.04E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.09E-06	3.20E-08	25YrCancerHighEnd_InhSoilDerm	3.13E-08	6.62E-10	8.83E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.11E-05	3.26E-07	25YrCancerHighEnd_InhSoilDerm	3.19E-07	6.74E-09	8.99E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.88E-05	1.14E-06	25YrCancerHighEnd_InhSoilDerm	1.11E-06	2.36E-08	3.14E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.78E-05	1.11E-06	25YrCancerHighEnd_InhSoilDerm	1.08E-06	2.30E-08	3.06E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.58E-05	1.05E-06	25YrCancerHighEnd_InhSoilDerm	1.03E-06	2.18E-08	2.90E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	7.97E-06	2.34E-07	25YrCancerHighEnd_InhSoilDerm	2.29E-07	4.84E-09	6.46E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.81E-06	-5.32E-08	25YrCancerHighEnd_InhSoilDerm	-5.19E-08	-1.10E-09	-1.47E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	1.38E-06	4.05E-08	25YrCancerHighEnd_InhSoilDerm	3.96E-08	8.39E-10	1.12E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.51E-05	4.44E-07	25YrCancerHighEnd_InhSoilDerm	4.33E-07	9.18E-09	1.22E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.59E-06	1.05E-07	25YrCancerHighEnd_InhSoilDerm	1.03E-07	2.18E-09	2.91E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.55E-06	4.55E-08	25YrCancerHighEnd_InhSoilDerm	4.45E-08	9.42E-10	1.26E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.39E-06	7.02E-08	25YrCancerHighEnd_InhSoilDerm	6.86E-08	1.45E-09	1.94E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.89E-06	5.55E-08	25YrCancerHighEnd_InhSoilDerm	5.42E-08	1.15E-09	1.53E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.68E-06	1.38E-07	25YrCancerHighEnd_InhSoilDerm	1.34E-07	2.84E-09	3.79E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.48E-07	2.49E-08	25YrCancerHighEnd_InhSoilDerm	2.43E-08	5.15E-10	6.87E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.72E-06	1.39E-07	25YrCancerHighEnd_InhSoilDerm	1.35E-07	2.87E-09	3.82E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.33E-06	1.27E-07	25YrCancerHighEnd_InhSoilDerm	1.24E-07	2.63E-09	3.51E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	7.59E-06	2.23E-07	25YrCancerHighEnd_InhSoilDerm	2.18E-07	4.61E-09	6.15E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.82E-06	5.35E-08	25YrCancerHighEnd_InhSoilDerm	5.22E-08	1.11E-09	1.47E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.58E-07	2.52E-08	25YrCancerHighEnd_InhSoilDerm	2.46E-08	5.21E-10	6.95E-11	0.00E+00
263	900	935	18540299	Cr(VI)	7.21E-06	2.12E-07	25YrCancerHighEnd_InhSoilDerm	2.07E-07	4.38E-09	5.84E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.59E-06	4.67E-08	25YrCancerHighEnd_InhSoilDerm	4.56E-08	9.66E-10	1.29E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-3.35E-11	25YrCancerHighEnd_InhSoilDerm	-5.36E-12	-2.34E-11	-4.69E-12	0.00E+00
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-1.84E-11	25YrCancerHighEnd_InhSoilDerm	-2.95E-12	-1.29E-11	-2.58E-12	0.00E+00
267	-1732.28	175.05	7439921	Lead	1.08E-06	1.59E-11	25YrCancerHighEnd_InhSoilDerm	2.55E-12	1.12E-11	2.23E-12	0.00E+00
268	-1579.43	347.93	7439921	Lead	1.16E-06	1.71E-11	25YrCancerHighEnd_InhSoilDerm	2.74E-12	1.20E-11	2.40E-12	0.00E+00
269	-1525.43	516.64	7439921	Lead	8.42E-07	1.24E-11	25YrCancerHighEnd_InhSoilDerm	1.99E-12	8.70E-12	1.74E-12	0.00E+00
270	-1332.88	500.04	7439921	Lead	1.60E-06	2.36E-11	25YrCancerHighEnd_InhSoilDerm	3.78E-12	1.65E-11	3.31E-12	0.00E+00
271	-1140.45	476.3	7439921	Lead	3.51E-06	5.18E-11	25YrCancerHighEnd_InhSoilDerm	8.29E-12	3.63E-11	7.25E-12	0.00E+00
272	-672.12	353.55	7439921	Lead	2.09E-06	3.08E-11	25YrCancerHighEnd_InhSoilDerm	4.94E-12	2.16E-11	4.32E-12	0.00E+00
273	-169.37	170.38	7439921	Lead	6.49E-06	9.58E-11	25YrCancerHighEnd_InhSoilDerm	1.53E-11	6.70E-11	1.34E-11	0.00E+00
274	-75.04	299.11	7439921	Lead	4.57E-06	6.74E-11	25YrCancerHighEnd_InhSoilDerm	1.08E-11	4.72E-11	9.44E-12	0.00E+00
275	49.15	527.2	7439921	Lead	3.65E-06	5.39E-11	25YrCancerHighEnd_InhSoilDerm	8.63E-12	3.77E-11	7.54E-12	0.00E+00
276	144.22	648.15	7439921	Lead	3.85E-06	5.68E-11	25YrCancerHighEnd_InhSoilDerm	9.10E-12	3.98E-11	7.95E-12	0.00E+00
277	394.15	623.31	7439921	Lead	6.97E-06	1.03E-10	25YrCancerHighEnd_InhSoilDerm	1.65E-11	7.20E-11	1.44E-11	0.00E+00
278	501.62	717.12	7439921	Lead	1.35E-05	1.99E-10	25YrCancerHighEnd_InhSoilDerm	3.19E-11	1.39E-10	2.79E-11	0.00E+00
279	618.47	665.12	7439921	Lead	1.04E-05	1.53E-10	25YrCancerHighEnd_InhSoilDerm	2.46E-11	1.07E-10	2.15E-11	0.00E+00
280	755.45	579.13	7439921	Lead	9.87E-06	1.46E-10	25YrCancerHighEnd_InhSoilDerm	2.33E-11	1.02E-10	2.04E-11	0.00E+00
281	867.79	485.41	7439921	Lead	1.08E-05	1.59E-10	25YrCancerHighEnd_InhSoilDerm	2.55E-11	1.12E-10	2.23E-11	0.00E+00
282	955.03	377.6	7439921	Lead	0.0000113	1.67E-10	25YrCancerHighEnd_InhSoilDerm	2.67E-11	1.17E-10	2.33E-11	0.00E+00
283	1331.68	-165.58	7439921	Lead	0.0000282	4.16E-10	25YrCancerHighEnd_InhSoilDerm	6.66E-11	2.91E-10	5.83E-11	0.00E+00
284	1406.74	-290.13	7439921	Lead	0.0000189	2.79E-10	25YrCancerHighEnd_InhSoilDerm	4.47E-11	1.95E-10	3.90E-11	0.00E+00
285	1456.2	-436.06	7439921	Lead	0.0000247	3.65E-10	25YrCancerHighEnd_InhSoilDerm	5.84E-11	2.55E-10	5.10E-11	0.00E+00
286	1209.21	-528.32	7439921	Lead	0.0000289	4.27E-10	25YrCancerHighEnd_InhSoilDerm	6.83E-11	2.99E-10	5.97E-11	0.00E+00
287	913.01	-694.67	7439921	Lead	0.0000546	8.06E-10	25YrCancerHighEnd_InhSoilDerm	1.29E-10	5.64E-10	1.13E-10	0.00E+00
288	717.24	-664.22	7439921	Lead	0.0000293	4.32E-10	25YrCancerHighEnd_InhSoilDerm	6.92E-11	3.03E-10	6.05E-11	0.00E+00
289	544.23	-594.35	7439921	Lead	0.000028	4.13E-10	25YrCancerHighEnd_InhSoilDerm	6.62E-11	2.89E-10	5.78E-11	0.00E+00
290	338.12	-539.73	7439921	Lead	0.0000295	4.35E-10	25YrCancerHighEnd_InhSoilDerm	6.97E-11	3.05E-10	6.09E-11	0.00E+00
291	123.44	-529.45	7439921	Lead	0.0000325	4.80E-10	25YrCancerHighEnd_InhSoilDerm	7.68E-11	3.36E-10	6.71E-11	0.00E+00
292	-353.26	-515.05	7439921	Lead	-0.0000343	-5.06E-10	25YrCancerHighEnd_InhSoilDerm	-8.11E-11	-3.54E-10	-7.09E-11	0.00E+00
293	-537.68	-487.8	7439921	Lead	-0.00000318	-4.69E-11	25YrCancerHighEnd_InhSoilDerm	-7.51E-12	-3.28E-11	-6.57E-12	0.00E+00
294	-775.51	-486.07	7439921	Lead	-0.000027	-3.98E-10	25YrCancerHighEnd_InhSoilDerm	-6.38E-11	-2.79E-10	-5.58E-11	0.00E+00
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-2.41E-11	25YrCancerHighEnd_InhSoilDerm	-3.85E-12	-1.68E-11	-3.37E-12	0.00E+00
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-1.53E-10	25YrCancerHighEnd_InhSoilDerm	-2.46E-11	-1.07E-10	-2.15E-11	0.00E+00
297	-1749.69	-63.9	7439921	Lead	5.08E-07	7.50E-12	25YrCancerHighEnd_InhSoilDerm	1.20E-12	5.25E-12	1.05E-12	0.00E+00
298	-920.57	426.17	7439921	Lead	2.62E-06	3.87E-11	25YrCancerHighEnd_InhSoilDerm	6.19E-12	2.71E-11	5.41E-12	0.00E+00
299	-420.73	233.87	7439921	Lead	3.94E-06	5.81E-11	25YrCancerHighEnd_InhSoilDerm	9.31E-12	4.07E-11	8.14E-12	0.00E+00
300	1090.12	214.1	7439921	Lead	2.08E-05	3.07E-10	25YrCancerHighEnd_InhSoilDerm	4.92E-11	2.15E-10	4.30E-11	0.00E+00
301	1183.39	65.17	7439921	Lead	2.89E-05	4.27E-10	25YrCancerHighEnd_InhSoilDerm	6.83E-11	2.99E-10	5.97E-11	0.00E+00
302	1055.3	-577.42	7439921	Lead	2.75E-05	4.06E-10	25YrCancerHighEnd_InhSoilDerm	6.50E-11	2.84E-10	5.68E-11	0.00E+00
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-3.94E-13	25YrCancerHighEnd_InhSoilDerm	-6.31E-14	-2.76E-13	-5.52E-14	0.00E+00
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-3.11E-10	25YrCancerHighEnd_InhSoilDerm	-4.99E-11	-2.18E-10	-4.36E-11	0.00E+00
305	-4113.79	-1330.97	7439921	Lead	0.000000234	3.45E-12	25YrCancerHighEnd_InhSoilDerm	5.53E-13	2.42E-12	4.83E-13	0.00E+00
306	-5050.04	-958.41	7439921	Lead	0.000000177	2.61E-12	25YrCancerHighEnd_InhSoilDerm	4.18E-13	1.83E-12	3.66E-13	0.00E+00
307	-4023.97	-112.26	7439921	Lead	2.23E-07	3.29E-12	25YrCancerHighEnd_InhSoilDerm	5.27E-13	2.30E-12	4.61E-13	0.00E+00
308	-2122.34	995.23	7439921	Lead	3.75E-07	5.53E-12	25YrCancerHighEnd_InhSoilDerm	8.86E-13	3.87E-12	7.75E-13	0.00E+00
309	-2734.69	227.4	7439921	Lead	4.09E-07	6.04E-12	25YrCancerHighEnd_InhSoilDerm	9.66E-13	4.22E-12	8.45E-13	0.00E+00
310	-2371.11	-69.21	7439921	Lead	5.43E-07	8.01E-12	25YrCancerHighEnd_InhSoilDerm	1.28E-12	5.61E-12	1.12E-12	0.00E+00
311	-2146.26	177.17	7439921	Lead	6.70E-07	9.89E-12	25YrCancerHighEnd_InhSoilDerm	1.58E-12	6.92E-12	1.38E-12	0.00E+00
312	-1919.02	445.07	7439921	Lead	7.71E-07	1.14E-11	25YrCancerHighEnd_InhSoilDerm	1.82E-12	7.96E-12	1.59E-12	0.00E+00
313	-1651.12	607.72	7439921	Lead	6.39E-07	9.43E-12	25YrCancerHighEnd_InhSoilDerm	1.51E-12	6.60E-12	1.32E-12	0.00E+00
314	-3361.39	677.09	7439921	Lead	2.64E-07	3.90E-12	25YrCancerHighEnd_InhSoilDerm	6.24E-13	2.73E-12	5.45E-13	0.00E+00
315	-3026.51	724.93	7439921	Lead	3.07E-07	4.53E-12	25YrCancerHighEnd_InhSoilDerm	7.25E-13	3.17E-12	6.34E-13	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	5.39E-12	25YrCancerHighEnd_InhSoilDerm	8.63E-13	3.77E-12	7.54E-13	0.00E+00
317	-922.86	446.42	7439921	Lead	2.55E-06	3.76E-11	25YrCancerHighEnd_InhSoilDerm	6.03E-12	2.63E-11	5.27E-12	0.00E+00
318	-1799.42	1088.51	7439921	Lead	3.90E-07	5.76E-12	25YrCancerHighEnd_InhSoilDerm	9.22E-13	4.03E-12	8.06E-13	0.00E+00
319	-359.36	1846.44	7439921	Lead	8.43E-07	1.24E-11	25YrCancerHighEnd_InhSoilDerm	1.99E-12	8.71E-12	1.74E-12	0.00E+00
320	671.3	-742.78	7439921	Lead	1.91E-05	2.82E-10	25YrCancerHighEnd_InhSoilDerm	4.51E-11	1.97E-10	3.95E-11	0.00E+00
321	-1565.55	-932.22	7439921	Lead	1.25E-05	1.84E-10	25YrCancerHighEnd_InhSoilDerm	2.95E-11	1.29E-10	2.58E-11	0.00E+00
322	-1733.02	-528.24	7439921	Lead	3.28E-06	4.84E-11	25YrCancerHighEnd_InhSoilDerm	7.75E-12	3.39E-11	6.78E-12	0.00E+00
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-1.99E-10	25YrCancerHighEnd_InhSoilDerm	-3.19E-11	-1.39E-10	-2.79E-11	0.00E+00
324	-883.92	-503.26	7439921	Lead	-0.0000166	-2.45E-10	25YrCancerHighEnd_InhSoilDerm	-3.92E-11	-1.71E-10	-3.43E-11	0.00E+00
325	1599.35	-1104.97	7439921	Lead	0.0000319	4.71E-10	25YrCancerHighEnd_InhSoilDerm	7.54E-11	3.30E-10	6.59E-11	0.00E+00
326	1608.16	-1382.63	7439921	Lead	1.37E-05	2.02E-10	25YrCancerHighEnd_InhSoilDerm	3.24E-11	1.42E-10	2.83E-11	0.00E+00
327	3517.15	-1425.27	7439921	Lead	3.17E-06	4.68E-11	25YrCancerHighEnd_InhSoilDerm	7.49E-12	3.27E-11	6.55E-12	0.00E+00
328	2959.77	-846.37	7439921	Lead	3.43E-06	5.06E-11	25YrCancerHighEnd_InhSoilDerm	8.11E-12	3.54E-11	7.09E-12	0.00E+00
329	3479.67	224.81	7439921	Lead	0.000000905	1.34E-11	25YrCancerHighEnd_InhSoilDerm	2.14E-12	9.35E-12	1.87E-12	0.00E+00
330	44.43	1469.76	7439921	Lead	0.0000016	2.36E-11	25YrCancerHighEnd_InhSoilDerm	3.78E-12	1.65E-11	3.31E-12	0.00E+00
331	3044.83	-34	7439921	Lead	1.54E-06	2.27E-11	25YrCancerHighEnd_InhSoilDerm	3.64E-12	1.59E-11	3.18E-12	0.00E+00
332	1088	-938	7439921	Lead	1.58E-05	2.33E-10	25YrCancerHighEnd_InhSoilDerm	3.73E-11	1.63E-10	3.26E-11	0.00E+00
333	1647	-390	7439921	Lead	4.29E-05	6.33E-10	25YrCancerHighEnd_InhSoilDerm	1.01E-10	4.43E-10	8.86E-11	0.00E+00
334	1650	-890	7439921	Lead	4.32E-05	6.38E-10	25YrCancerHighEnd_InhSoilDerm	1.02E-10	4.46E-10	8.92E-11	0.00E+00
335	1430	215	7439921	Lead	3.79E-05	5.59E-10	25YrCancerHighEnd_InhSoilDerm	8.96E-11	3.91E-10	7.83E-11	0.00E+00
336	1142	615	7439921	Lead	0.00000984	1.45E-10	25YrCancerHighEnd_InhSoilDerm	2.33E-11	1.02E-10	2.03E-11	0.00E+00
337	-333	-788	7439921	Lead	0.000000615	9.08E-12	25YrCancerHighEnd_InhSoilDerm	1.45E-12	6.35E-12	1.27E-12	0.00E+00
338	-42	-825	7439921	Lead	0.00000385	5.68E-11	25YrCancerHighEnd_InhSoilDerm	9.10E-12	3.98E-11	7.95E-12	0.00E+00
339	1900	-1175	7439921	Lead	0.0000179	2.64E-10	25YrCancerHighEnd_InhSoilDerm	4.23E-11	1.85E-10	3.70E-11	0.00E+00
340	1815	-1910	7439921	Lead	0.00000508	7.50E-11	25YrCancerHighEnd_InhSoilDerm	1.20E-11	5.25E-11	1.05E-11	0.00E+00
341	2575	-2650	7439921	Lead	0.00000243	3.59E-11	25YrCancerHighEnd_InhSoilDerm	5.74E-12	2.51E-11	5.02E-12	0.00E+00
342	2665	-2025	7439921	Lead	0.00000359	5.30E-11	25YrCancerHighEnd_InhSoilDerm	8.48E-12	3.71E-11	7.42E-12	0.00E+00
343	3480	-2025	7439921	Lead	0.0000029	4.28E-11	25YrCancerHighEnd_InhSoilDerm	6.85E-12	3.00E-11	5.99E-12	0.00E+00
344	2667	-1400	7439921	Lead	0.00000639	9.43E-11	25YrCancerHighEnd_InhSoilDerm	1.51E-11	6.60E-11	1.32E-11	0.00E+00
345	3400	-250	7439921	Lead	0.0000013	1.92E-11	25YrCancerHighEnd_InhSoilDerm	3.07E-12	1.34E-11	2.69E-12	0.00E+00
346	2577	-940	7439921	Lead	0.00000665	9.81E-11	25YrCancerHighEnd_InhSoilDerm	1.57E-11	6.87E-11	1.37E-11	0.00E+00
347	2404	-475	7439921	Lead	0.00000569	8.40E-11	25YrCancerHighEnd_InhSoilDerm	1.34E-11	5.88E-11	1.18E-11	0.00E+00
348	1577	291	7439921	Lead	0.00000896	1.32E-10	25YrCancerHighEnd_InhSoilDerm	2.12E-11	9.26E-11	1.85E-11	0.00E+00
349	2400	240	7439921	Lead	0.0000024	3.54E-11	25YrCancerHighEnd_InhSoilDerm	5.67E-12	2.48E-11	4.96E-12	0.00E+00
350	2600	1290	7439921	Lead	0.00000127	1.87E-11	25YrCancerHighEnd_InhSoilDerm	3.00E-12	1.31E-11	2.62E-12	0.00E+00
351	900	935	7439921	Lead	0.0000104	1.53E-10	25YrCancerHighEnd_InhSoilDerm	2.46E-11	1.07E-10	2.15E-11	0.00E+00
352	1375	1395	7439921	Lead	0.0000025	3.69E-11	25YrCancerHighEnd_InhSoilDerm	5.91E-12	2.58E-11	5.16E-12	0.00E+00
353	-1710.89	-383.91	7440020	Nickel	-0.0000498	-2.55E-09	25YrCancerHighEnd_InhSoilDerm	-2.55E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000321	-1.64E-09	25YrCancerHighEnd_InhSoilDerm	-1.64E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000707	3.62E-11	25YrCancerHighEnd_InhSoilDerm	3.62E-11	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-3.81E-08	-1.95E-12	25YrCancerHighEnd_InhSoilDerm	-1.95E-12	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-3.11E-08	-1.59E-12	25YrCancerHighEnd_InhSoilDerm	-1.59E-12	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000156	-7.99E-11	25YrCancerHighEnd_InhSoilDerm	-7.99E-11	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000362	-1.85E-10	25YrCancerHighEnd_InhSoilDerm	-1.85E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000184	-9.42E-10	25YrCancerHighEnd_InhSoilDerm	-9.42E-10	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000199	1.02E-09	25YrCancerHighEnd_InhSoilDerm	1.02E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000185	9.47E-10	25YrCancerHighEnd_InhSoilDerm	9.47E-10	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000186	9.52E-10	25YrCancerHighEnd_InhSoilDerm	9.52E-10	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000237	1.21E-09	25YrCancerHighEnd_InhSoilDerm	1.21E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000428	2.19E-09	25YrCancerHighEnd_InhSoilDerm	2.19E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000136	6.96E-09	25YrCancerHighEnd_InhSoilDerm	6.96E-09	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000987	5.05E-09	25YrCancerHighEnd_InhSoilDerm	5.05E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000944	4.83E-09	25YrCancerHighEnd_InhSoilDerm	4.83E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000108	5.53E-09	25YrCancerHighEnd_InhSoilDerm	5.53E-09	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000117	5.99E-09	25YrCancerHighEnd_InhSoilDerm	5.99E-09	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000356	1.82E-08	25YrCancerHighEnd_InhSoilDerm	1.82E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000193	9.88E-09	25YrCancerHighEnd_InhSoilDerm	9.88E-09	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000229	1.17E-08	25YrCancerHighEnd_InhSoilDerm	1.17E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000201	1.03E-08	25YrCancerHighEnd_InhSoilDerm	1.03E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000615	3.15E-08	25YrCancerHighEnd_InhSoilDerm	3.15E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000271	1.39E-08	25YrCancerHighEnd_InhSoilDerm	1.39E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000256	1.31E-08	25YrCancerHighEnd_InhSoilDerm	1.31E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000305	1.56E-08	25YrCancerHighEnd_InhSoilDerm	1.56E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000413	2.11E-08	25YrCancerHighEnd_InhSoilDerm	2.11E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000562	-2.88E-08	25YrCancerHighEnd_InhSoilDerm	-2.88E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.0000961	-4.92E-09	25YrCancerHighEnd_InhSoilDerm	-4.92E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000421	-2.16E-08	25YrCancerHighEnd_InhSoilDerm	-2.16E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.000053	-2.71E-09	25YrCancerHighEnd_InhSoilDerm	-2.71E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000171	-8.76E-09	25YrCancerHighEnd_InhSoilDerm	-8.76E-09	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000057	-2.92E-10	25YrCancerHighEnd_InhSoilDerm	-2.92E-10	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000862	-4.41E-10	25YrCancerHighEnd_InhSoilDerm	-4.41E-10	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000974	-4.99E-10	25YrCancerHighEnd_InhSoilDerm	-4.99E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000269	1.38E-08	25YrCancerHighEnd_InhSoilDerm	1.38E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.77E-04	1.93E-08	25YrCancerHighEnd_InhSoilDerm	1.93E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000194	9.93E-09	25YrCancerHighEnd_InhSoilDerm	9.93E-09	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000429	-2.20E-09	25YrCancerHighEnd_InhSoilDerm	-2.20E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00031	-1.59E-08	25YrCancerHighEnd_InhSoilDerm	-1.59E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000133	6.81E-11	25YrCancerHighEnd_InhSoilDerm	6.81E-11	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000997	5.10E-11	25YrCancerHighEnd_InhSoilDerm	5.10E-11	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.0000011	5.63E-11	25YrCancerHighEnd_InhSoilDerm	5.63E-11	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000186	9.52E-11	25YrCancerHighEnd_InhSoilDerm	9.52E-11	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000189	9.68E-11	25YrCancerHighEnd_InhSoilDerm	9.68E-11	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000201	1.03E-10	25YrCancerHighEnd_InhSoilDerm	1.03E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000235	1.20E-10	25YrCancerHighEnd_InhSoilDerm	1.20E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000232	1.19E-10	25YrCancerHighEnd_InhSoilDerm	1.19E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000931	4.77E-11	25YrCancerHighEnd_InhSoilDerm	4.77E-11	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000137	7.01E-11	25YrCancerHighEnd_InhSoilDerm	7.01E-11	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000169	8.65E-11	25YrCancerHighEnd_InhSoilDerm	8.65E-11	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000767	3.93E-11	25YrCancerHighEnd_InhSoilDerm	3.93E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000807	-4.13E-10	25YrCancerHighEnd_InhSoilDerm	-4.13E-10	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.0000013	6.66E-11	25YrCancerHighEnd_InhSoilDerm	6.66E-11	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000029	1.48E-10	25YrCancerHighEnd_InhSoilDerm	1.48E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000177	9.06E-09	25YrCancerHighEnd_InhSoilDerm	9.06E-09	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000157	8.04E-09	25YrCancerHighEnd_InhSoilDerm	8.04E-09	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000213	1.09E-09	25YrCancerHighEnd_InhSoilDerm	1.09E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000204	-1.04E-08	25YrCancerHighEnd_InhSoilDerm	-1.04E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000253	-1.30E-08	25YrCancerHighEnd_InhSoilDerm	-1.30E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000387	1.98E-08	25YrCancerHighEnd_InhSoilDerm	1.98E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000149	7.63E-09	25YrCancerHighEnd_InhSoilDerm	7.63E-09	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.000026	1.33E-09	25YrCancerHighEnd_InhSoilDerm	1.33E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000274	1.40E-09	25YrCancerHighEnd_InhSoilDerm	1.40E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000781	4.00E-10	25YrCancerHighEnd_InhSoilDerm	4.00E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000887	4.54E-10	25YrCancerHighEnd_InhSoilDerm	4.54E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000139	7.12E-10	25YrCancerHighEnd_InhSoilDerm	7.12E-10	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000145	7.42E-09	25YrCancerHighEnd_InhSoilDerm	7.42E-09	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000522	2.67E-08	25YrCancerHighEnd_InhSoilDerm	2.67E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000504	2.58E-08	25YrCancerHighEnd_InhSoilDerm	2.58E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000485	2.48E-08	25YrCancerHighEnd_InhSoilDerm	2.48E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000105	5.38E-09	25YrCancerHighEnd_InhSoilDerm	5.38E-09	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000244	-1.25E-09	25YrCancerHighEnd_InhSoilDerm	-1.25E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000204	1.04E-09	25YrCancerHighEnd_InhSoilDerm	1.04E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000203	1.04E-08	25YrCancerHighEnd_InhSoilDerm	1.04E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000474	2.43E-09	25YrCancerHighEnd_InhSoilDerm	2.43E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000202	1.03E-09	25YrCancerHighEnd_InhSoilDerm	1.03E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000313	1.60E-09	25YrCancerHighEnd_InhSoilDerm	1.60E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000245	1.25E-09	25YrCancerHighEnd_InhSoilDerm	1.25E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000616	3.15E-09	25YrCancerHighEnd_InhSoilDerm	3.15E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000107	5.48E-10	25YrCancerHighEnd_InhSoilDerm	5.48E-10	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000614	3.14E-09	25YrCancerHighEnd_InhSoilDerm	3.14E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000057	2.92E-09	25YrCancerHighEnd_InhSoilDerm	2.92E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000101	5.17E-09	25YrCancerHighEnd_InhSoilDerm	5.17E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000236	1.21E-09	25YrCancerHighEnd_InhSoilDerm	1.21E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000111	5.68E-10	25YrCancerHighEnd_InhSoilDerm	5.68E-10	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000085	4.35E-09	25YrCancerHighEnd_InhSoilDerm	4.35E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.00002	1.02E-09	25YrCancerHighEnd_InhSoilDerm	1.02E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0128	7.92E-07	25YrCancerHighEnd_InhSoilDerm	7.92E-07	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0103	6.37E-07	25YrCancerHighEnd_InhSoilDerm	6.37E-07	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00786	4.86E-07	25YrCancerHighEnd_InhSoilDerm	4.86E-07	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.00832	5.15E-07	25YrCancerHighEnd_InhSoilDerm	5.15E-07	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0072	4.46E-07	25YrCancerHighEnd_InhSoilDerm	4.46E-07	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0148	9.16E-07	25YrCancerHighEnd_InhSoilDerm	9.16E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.0223	1.38E-06	25YrCancerHighEnd_InhSoilDerm	1.38E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.00152	-9.41E-08	25YrCancerHighEnd_InhSoilDerm	-9.41E-08	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0385	2.38E-06	25YrCancerHighEnd_InhSoilDerm	2.38E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0231	1.43E-06	25YrCancerHighEnd_InhSoilDerm	1.43E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00596	3.69E-07	25YrCancerHighEnd_InhSoilDerm	3.69E-07	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000723	4.47E-08	25YrCancerHighEnd_InhSoilDerm	4.47E-08	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0638	-3.95E-06	25YrCancerHighEnd_InhSoilDerm	-3.95E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.03	-1.86E-06	25YrCancerHighEnd_InhSoilDerm	-1.86E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0172	-1.06E-06	25YrCancerHighEnd_InhSoilDerm	-1.06E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.00145	-8.97E-08	25YrCancerHighEnd_InhSoilDerm	-8.97E-08	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00951	5.89E-07	25YrCancerHighEnd_InhSoilDerm	5.89E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.018	1.11E-06	25YrCancerHighEnd_InhSoilDerm	1.11E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0775	4.80E-06	25YrCancerHighEnd_InhSoilDerm	4.80E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0389	2.41E-06	25YrCancerHighEnd_InhSoilDerm	2.41E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0197	1.22E-06	25YrCancerHighEnd_InhSoilDerm	1.22E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0243	1.50E-06	25YrCancerHighEnd_InhSoilDerm	1.50E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0196	1.21E-06	25YrCancerHighEnd_InhSoilDerm	1.21E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0372	2.30E-06	25YrCancerHighEnd_InhSoilDerm	2.30E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0557	3.45E-06	25YrCancerHighEnd_InhSoilDerm	3.45E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.114	7.06E-06	25YrCancerHighEnd_InhSoilDerm	7.06E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.228	1.41E-05	25YrCancerHighEnd_InhSoilDerm	1.41E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0426	2.64E-06	25YrCancerHighEnd_InhSoilDerm	2.64E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.00467	2.89E-07	25YrCancerHighEnd_InhSoilDerm	2.89E-07	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.0161	9.96E-07	25YrCancerHighEnd_InhSoilDerm	9.96E-07	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0211	1.31E-06	25YrCancerHighEnd_InhSoilDerm	1.31E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0391	2.42E-06	25YrCancerHighEnd_InhSoilDerm	2.42E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0135	8.35E-07	25YrCancerHighEnd_InhSoilDerm	8.35E-07	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0194	1.20E-06	25YrCancerHighEnd_InhSoilDerm	1.20E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.000279	1.73E-08	25YrCancerHighEnd_InhSoilDerm	1.73E-08	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	2.64E-06	25YrCancerHighEnd_InhSoilDerm	2.64E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0827	5.12E-06	25YrCancerHighEnd_InhSoilDerm	5.12E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0286	1.77E-06	25YrCancerHighEnd_InhSoilDerm	1.77E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.202	1.25E-05	25YrCancerHighEnd_InhSoilDerm	1.25E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0325	2.01E-06	25YrCancerHighEnd_InhSoilDerm	2.01E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000733	4.54E-08	25YrCancerHighEnd_InhSoilDerm	4.54E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000507	3.14E-08	25YrCancerHighEnd_InhSoilDerm	3.14E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000788	4.88E-08	25YrCancerHighEnd_InhSoilDerm	4.88E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00104	6.44E-08	25YrCancerHighEnd_InhSoilDerm	6.44E-08	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00163	1.01E-07	25YrCancerHighEnd_InhSoilDerm	1.01E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00273	1.69E-07	25YrCancerHighEnd_InhSoilDerm	1.69E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00321	1.99E-07	25YrCancerHighEnd_InhSoilDerm	1.99E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00257	1.59E-07	25YrCancerHighEnd_InhSoilDerm	1.59E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00398	2.46E-07	25YrCancerHighEnd_InhSoilDerm	2.46E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000826	5.11E-08	25YrCancerHighEnd_InhSoilDerm	5.11E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.000893	5.53E-08	25YrCancerHighEnd_InhSoilDerm	5.53E-08	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.0018	1.11E-07	25YrCancerHighEnd_InhSoilDerm	1.11E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0185	1.14E-06	25YrCancerHighEnd_InhSoilDerm	1.14E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00177	1.10E-07	25YrCancerHighEnd_InhSoilDerm	1.10E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00297	1.84E-07	25YrCancerHighEnd_InhSoilDerm	1.84E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0514	3.18E-06	25YrCancerHighEnd_InhSoilDerm	3.18E-06	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00776	4.80E-07	25YrCancerHighEnd_InhSoilDerm	4.80E-07	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00506	3.13E-07	25YrCancerHighEnd_InhSoilDerm	3.13E-07	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0297	1.84E-06	25YrCancerHighEnd_InhSoilDerm	1.84E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0287	1.78E-06	25YrCancerHighEnd_InhSoilDerm	1.78E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0118	7.30E-07	25YrCancerHighEnd_InhSoilDerm	7.30E-07	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0119	7.36E-07	25YrCancerHighEnd_InhSoilDerm	7.36E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00455	2.82E-07	25YrCancerHighEnd_InhSoilDerm	2.82E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00416	2.57E-07	25YrCancerHighEnd_InhSoilDerm	2.57E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000921	5.70E-08	25YrCancerHighEnd_InhSoilDerm	5.70E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00359	2.22E-07	25YrCancerHighEnd_InhSoilDerm	2.22E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.001	6.19E-08	25YrCancerHighEnd_InhSoilDerm	6.19E-08	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0296	1.83E-06	25YrCancerHighEnd_InhSoilDerm	1.83E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00894	5.53E-07	25YrCancerHighEnd_InhSoilDerm	5.53E-07	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00319	1.97E-07	25YrCancerHighEnd_InhSoilDerm	1.97E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00144	-8.91E-08	25YrCancerHighEnd_InhSoilDerm	-8.91E-08	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0114	7.06E-07	25YrCancerHighEnd_InhSoilDerm	7.06E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0399	2.47E-06	25YrCancerHighEnd_InhSoilDerm	2.47E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0643	3.98E-06	25YrCancerHighEnd_InhSoilDerm	3.98E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.012	7.43E-07	25YrCancerHighEnd_InhSoilDerm	7.43E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00914	5.66E-07	25YrCancerHighEnd_InhSoilDerm	5.66E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00512	3.17E-07	25YrCancerHighEnd_InhSoilDerm	3.17E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00711	4.40E-07	25YrCancerHighEnd_InhSoilDerm	4.40E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.0056	3.47E-07	25YrCancerHighEnd_InhSoilDerm	3.47E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00794	4.91E-07	25YrCancerHighEnd_InhSoilDerm	4.91E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000991	6.13E-08	25YrCancerHighEnd_InhSoilDerm	6.13E-08	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00661	4.09E-07	25YrCancerHighEnd_InhSoilDerm	4.09E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00433	2.68E-07	25YrCancerHighEnd_InhSoilDerm	2.68E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00433	2.68E-07	25YrCancerHighEnd_InhSoilDerm	2.68E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00133	8.23E-08	25YrCancerHighEnd_InhSoilDerm	8.23E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00201	1.24E-07	25YrCancerHighEnd_InhSoilDerm	1.24E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.002	1.24E-07	25YrCancerHighEnd_InhSoilDerm	1.24E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00355	2.20E-07	25YrCancerHighEnd_InhSoilDerm	2.20E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00123	4.15E-08	25YrCancerHighEnd_InhSoilDerm	4.15E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00115	3.88E-08	25YrCancerHighEnd_InhSoilDerm	3.88E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00151	5.10E-08	25YrCancerHighEnd_InhSoilDerm	5.10E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.0017	5.74E-08	25YrCancerHighEnd_InhSoilDerm	5.74E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00155	5.23E-08	25YrCancerHighEnd_InhSoilDerm	5.23E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00499	1.68E-07	25YrCancerHighEnd_InhSoilDerm	1.68E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00658	2.22E-07	25YrCancerHighEnd_InhSoilDerm	2.22E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00436	1.47E-07	25YrCancerHighEnd_InhSoilDerm	1.47E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00587	1.98E-07	25YrCancerHighEnd_InhSoilDerm	1.98E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00387	1.31E-07	25YrCancerHighEnd_InhSoilDerm	1.31E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00237	8.00E-08	25YrCancerHighEnd_InhSoilDerm	8.00E-08	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00185	6.25E-08	25YrCancerHighEnd_InhSoilDerm	6.25E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	3.88E-08	25YrCancerHighEnd_InhSoilDerm	3.88E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000214	7.22E-10	25YrCancerHighEnd_InhSoilDerm	7.22E-10	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000707	2.39E-08	25YrCancerHighEnd_InhSoilDerm	2.39E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	3.85E-08	25YrCancerHighEnd_InhSoilDerm	3.85E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.0013	4.39E-08	25YrCancerHighEnd_InhSoilDerm	4.39E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0016	5.40E-08	25YrCancerHighEnd_InhSoilDerm	5.40E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00357	1.21E-07	25YrCancerHighEnd_InhSoilDerm	1.21E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00578	1.95E-07	25YrCancerHighEnd_InhSoilDerm	1.95E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00978	3.30E-07	25YrCancerHighEnd_InhSoilDerm	3.30E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	6.99E-07	25YrCancerHighEnd_InhSoilDerm	6.99E-07	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00698	2.36E-07	25YrCancerHighEnd_InhSoilDerm	2.36E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.0072	2.43E-07	25YrCancerHighEnd_InhSoilDerm	2.43E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00711	2.40E-07	25YrCancerHighEnd_InhSoilDerm	2.40E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00682	2.30E-07	25YrCancerHighEnd_InhSoilDerm	2.30E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00706	2.38E-07	25YrCancerHighEnd_InhSoilDerm	2.38E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00401	1.35E-07	25YrCancerHighEnd_InhSoilDerm	1.35E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00309	1.04E-07	25YrCancerHighEnd_InhSoilDerm	1.04E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00129	4.35E-08	25YrCancerHighEnd_InhSoilDerm	4.35E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000775	2.62E-08	25YrCancerHighEnd_InhSoilDerm	2.62E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00206	6.95E-08	25YrCancerHighEnd_InhSoilDerm	6.95E-08	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00148	5.00E-08	25YrCancerHighEnd_InhSoilDerm	5.00E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00479	1.62E-07	25YrCancerHighEnd_InhSoilDerm	1.62E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00537	1.81E-07	25YrCancerHighEnd_InhSoilDerm	1.81E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000527	1.78E-08	25YrCancerHighEnd_InhSoilDerm	1.78E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00174	5.87E-08	25YrCancerHighEnd_InhSoilDerm	5.87E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	5.54E-07	25YrCancerHighEnd_InhSoilDerm	5.54E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00595	2.01E-07	25YrCancerHighEnd_InhSoilDerm	2.01E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000999	3.37E-08	25YrCancerHighEnd_InhSoilDerm	3.37E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000131	4.42E-09	25YrCancerHighEnd_InhSoilDerm	4.42E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000822	2.77E-09	25YrCancerHighEnd_InhSoilDerm	2.77E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000122	4.12E-09	25YrCancerHighEnd_InhSoilDerm	4.12E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000255	8.61E-09	25YrCancerHighEnd_InhSoilDerm	8.61E-09	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000286	9.65E-09	25YrCancerHighEnd_InhSoilDerm	9.65E-09	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00041	1.38E-08	25YrCancerHighEnd_InhSoilDerm	1.38E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000583	1.97E-08	25YrCancerHighEnd_InhSoilDerm	1.97E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.00069	2.33E-08	25YrCancerHighEnd_InhSoilDerm	2.33E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000828	2.80E-08	25YrCancerHighEnd_InhSoilDerm	2.80E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000175	5.91E-09	25YrCancerHighEnd_InhSoilDerm	5.91E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000206	6.95E-09	25YrCancerHighEnd_InhSoilDerm	6.95E-09	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00047	1.59E-08	25YrCancerHighEnd_InhSoilDerm	1.59E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00467	1.58E-07	25YrCancerHighEnd_InhSoilDerm	1.58E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	1.43E-08	25YrCancerHighEnd_InhSoilDerm	1.43E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000888	3.00E-08	25YrCancerHighEnd_InhSoilDerm	3.00E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.0082	2.77E-07	25YrCancerHighEnd_InhSoilDerm	2.77E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000921	3.11E-08	25YrCancerHighEnd_InhSoilDerm	3.11E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000232	7.83E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-09	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00144	4.86E-08	25YrCancerHighEnd_InhSoilDerm	4.86E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00223	7.53E-08	25YrCancerHighEnd_InhSoilDerm	7.53E-08	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00389	1.31E-07	25YrCancerHighEnd_InhSoilDerm	1.31E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00299	1.01E-07	25YrCancerHighEnd_InhSoilDerm	1.01E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	5.13E-08	25YrCancerHighEnd_InhSoilDerm	5.13E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	5.27E-08	25YrCancerHighEnd_InhSoilDerm	5.27E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	9.96E-09	25YrCancerHighEnd_InhSoilDerm	9.96E-09	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	3.78E-08	25YrCancerHighEnd_InhSoilDerm	3.78E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000438	1.48E-08	25YrCancerHighEnd_InhSoilDerm	1.48E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	2.39E-07	25YrCancerHighEnd_InhSoilDerm	2.39E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00165	5.57E-08	25YrCancerHighEnd_InhSoilDerm	5.57E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00398	1.34E-07	25YrCancerHighEnd_InhSoilDerm	1.34E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000607	-2.05E-08	25YrCancerHighEnd_InhSoilDerm	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00109	3.68E-08	25YrCancerHighEnd_InhSoilDerm	3.68E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.0042	1.42E-07	25YrCancerHighEnd_InhSoilDerm	1.42E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	1.70E-07	25YrCancerHighEnd_InhSoilDerm	1.70E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00382	1.29E-07	25YrCancerHighEnd_InhSoilDerm	1.29E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	7.19E-08	25YrCancerHighEnd_InhSoilDerm	7.19E-08	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	4.22E-08	25YrCancerHighEnd_InhSoilDerm	4.22E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	6.01E-08	25YrCancerHighEnd_InhSoilDerm	6.01E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	5.00E-08	25YrCancerHighEnd_InhSoilDerm	5.00E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	8.27E-08	25YrCancerHighEnd_InhSoilDerm	8.27E-08	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	1.59E-08	25YrCancerHighEnd_InhSoilDerm	1.59E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	8.41E-08	25YrCancerHighEnd_InhSoilDerm	8.41E-08	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	4.83E-08	25YrCancerHighEnd_InhSoilDerm	4.83E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.0011	3.71E-08	25YrCancerHighEnd_InhSoilDerm	3.71E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000501	1.69E-08	25YrCancerHighEnd_InhSoilDerm	1.69E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	1.45E-08	25YrCancerHighEnd_InhSoilDerm	1.45E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	3.54E-08	25YrCancerHighEnd_InhSoilDerm	3.54E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	2.90E-08	25YrCancerHighEnd_InhSoilDerm	2.90E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00217	1.22E-09	25YrCancerHighEnd_InhSoilDerm	1.22E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00229	1.29E-09	25YrCancerHighEnd_InhSoilDerm	1.29E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0036	2.03E-09	25YrCancerHighEnd_InhSoilDerm	2.03E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00409	2.30E-09	25YrCancerHighEnd_InhSoilDerm	2.30E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00374	2.10E-09	25YrCancerHighEnd_InhSoilDerm	2.10E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0123	6.92E-09	25YrCancerHighEnd_InhSoilDerm	6.92E-09	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0163	9.17E-09	25YrCancerHighEnd_InhSoilDerm	9.17E-09	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.0103	5.80E-09	25YrCancerHighEnd_InhSoilDerm	5.80E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	8.16E-09	25YrCancerHighEnd_InhSoilDerm	8.16E-09	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	5.29E-09	25YrCancerHighEnd_InhSoilDerm	5.29E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00548	3.08E-09	25YrCancerHighEnd_InhSoilDerm	3.08E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00403	2.27E-09	25YrCancerHighEnd_InhSoilDerm	2.27E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00152	8.55E-10	25YrCancerHighEnd_InhSoilDerm	8.55E-10	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00235	-1.32E-09	25YrCancerHighEnd_InhSoilDerm	-1.32E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000164	9.23E-11	25YrCancerHighEnd_InhSoilDerm	9.23E-11	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00168	9.45E-10	25YrCancerHighEnd_InhSoilDerm	9.45E-10	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00215	1.21E-09	25YrCancerHighEnd_InhSoilDerm	1.21E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00301	1.69E-09	25YrCancerHighEnd_InhSoilDerm	1.69E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00739	4.16E-09	25YrCancerHighEnd_InhSoilDerm	4.16E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	7.43E-09	25YrCancerHighEnd_InhSoilDerm	7.43E-09	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0225	1.27E-08	25YrCancerHighEnd_InhSoilDerm	1.27E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0502	2.82E-08	25YrCancerHighEnd_InhSoilDerm	2.82E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0113	6.36E-09	25YrCancerHighEnd_InhSoilDerm	6.36E-09	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0129	7.26E-09	25YrCancerHighEnd_InhSoilDerm	7.26E-09	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0121	6.81E-09	25YrCancerHighEnd_InhSoilDerm	6.81E-09	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0112	6.30E-09	25YrCancerHighEnd_InhSoilDerm	6.30E-09	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0136	7.65E-09	25YrCancerHighEnd_InhSoilDerm	7.65E-09	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	5.20E-03	2.93E-09	25YrCancerHighEnd_InhSoilDerm	2.93E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.40E-03	1.35E-09	25YrCancerHighEnd_InhSoilDerm	1.35E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.03E-03	-1.70E-09	25YrCancerHighEnd_InhSoilDerm	-1.70E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.49E-03	-8.38E-10	25YrCancerHighEnd_InhSoilDerm	-8.38E-10	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	3.16E-03	1.78E-09	25YrCancerHighEnd_InhSoilDerm	1.78E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.39E-03	1.91E-09	25YrCancerHighEnd_InhSoilDerm	1.91E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.16E-02	6.53E-09	25YrCancerHighEnd_InhSoilDerm	6.53E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.29E-02	7.26E-09	25YrCancerHighEnd_InhSoilDerm	7.26E-09	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.0014	-7.88E-10	25YrCancerHighEnd_InhSoilDerm	-7.88E-10	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.45E-03	1.38E-09	25YrCancerHighEnd_InhSoilDerm	1.38E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	2.21E-08	25YrCancerHighEnd_InhSoilDerm	2.21E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.08E-02	6.08E-09	25YrCancerHighEnd_InhSoilDerm	6.08E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00254	-1.43E-09	25YrCancerHighEnd_InhSoilDerm	-1.43E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.95E-04	1.66E-10	25YrCancerHighEnd_InhSoilDerm	1.66E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000183	1.03E-10	25YrCancerHighEnd_InhSoilDerm	1.03E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.00027	1.52E-10	25YrCancerHighEnd_InhSoilDerm	1.52E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000583	3.28E-10	25YrCancerHighEnd_InhSoilDerm	3.28E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000648	3.65E-10	25YrCancerHighEnd_InhSoilDerm	3.65E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000901	5.07E-10	25YrCancerHighEnd_InhSoilDerm	5.07E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00135	7.60E-10	25YrCancerHighEnd_InhSoilDerm	7.60E-10	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00163	9.17E-10	25YrCancerHighEnd_InhSoilDerm	9.17E-10	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00196	1.10E-09	25YrCancerHighEnd_InhSoilDerm	1.10E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000405	2.28E-10	25YrCancerHighEnd_InhSoilDerm	2.28E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000477	2.68E-10	25YrCancerHighEnd_InhSoilDerm	2.68E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.11E-03	6.25E-10	25YrCancerHighEnd_InhSoilDerm	6.25E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0113	6.36E-09	25YrCancerHighEnd_InhSoilDerm	6.36E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.93E-04	5.59E-10	25YrCancerHighEnd_InhSoilDerm	5.59E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.16E-09	25YrCancerHighEnd_InhSoilDerm	1.16E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.06E-08	25YrCancerHighEnd_InhSoilDerm	1.06E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.0012	6.75E-10	25YrCancerHighEnd_InhSoilDerm	6.75E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00128	-7.20E-10	25YrCancerHighEnd_InhSoilDerm	-7.20E-10	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000252	1.42E-10	25YrCancerHighEnd_InhSoilDerm	1.42E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.00124	6.98E-10	25YrCancerHighEnd_InhSoilDerm	6.98E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00765	4.30E-09	25YrCancerHighEnd_InhSoilDerm	4.30E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00619	3.48E-09	25YrCancerHighEnd_InhSoilDerm	3.48E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	2.06E-09	25YrCancerHighEnd_InhSoilDerm	2.06E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	2.10E-09	25YrCancerHighEnd_InhSoilDerm	2.10E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000679	3.82E-10	25YrCancerHighEnd_InhSoilDerm	3.82E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00256	1.44E-09	25YrCancerHighEnd_InhSoilDerm	1.44E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.00099	5.57E-10	25YrCancerHighEnd_InhSoilDerm	5.57E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	9.34E-09	25YrCancerHighEnd_InhSoilDerm	9.34E-09	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000705	3.97E-10	25YrCancerHighEnd_InhSoilDerm	3.97E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00609	3.43E-09	25YrCancerHighEnd_InhSoilDerm	3.43E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00485	-2.73E-09	25YrCancerHighEnd_InhSoilDerm	-2.73E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00193	1.09E-09	25YrCancerHighEnd_InhSoilDerm	1.09E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00919	5.17E-09	25YrCancerHighEnd_InhSoilDerm	5.17E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	6.53E-09	25YrCancerHighEnd_InhSoilDerm	6.53E-09	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00861	4.84E-09	25YrCancerHighEnd_InhSoilDerm	4.84E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00495	2.79E-09	25YrCancerHighEnd_InhSoilDerm	2.79E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00295	1.66E-09	25YrCancerHighEnd_InhSoilDerm	1.66E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	2.37E-09	25YrCancerHighEnd_InhSoilDerm	2.37E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	1.99E-09	25YrCancerHighEnd_InhSoilDerm	1.99E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.0058	3.26E-09	25YrCancerHighEnd_InhSoilDerm	3.26E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	6.13E-10	25YrCancerHighEnd_InhSoilDerm	6.13E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00592	3.33E-09	25YrCancerHighEnd_InhSoilDerm	3.33E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00324	1.82E-09	25YrCancerHighEnd_InhSoilDerm	1.82E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00205	1.15E-09	25YrCancerHighEnd_InhSoilDerm	1.15E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	6.08E-10	25YrCancerHighEnd_InhSoilDerm	6.08E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000998	5.62E-10	25YrCancerHighEnd_InhSoilDerm	5.62E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00205	1.15E-09	25YrCancerHighEnd_InhSoilDerm	1.15E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00199	1.12E-09	25YrCancerHighEnd_InhSoilDerm	1.12E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0109	-6.13E-08	25YrCancerHighEnd_InhSoilDerm	-6.13E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00699	-3.93E-08	25YrCancerHighEnd_InhSoilDerm	-3.93E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00127	-7.15E-09	25YrCancerHighEnd_InhSoilDerm	-7.15E-09	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00106	-5.96E-09	25YrCancerHighEnd_InhSoilDerm	-5.96E-09	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000888	-5.00E-09	25YrCancerHighEnd_InhSoilDerm	-5.00E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00127	7.15E-09	25YrCancerHighEnd_InhSoilDerm	7.15E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00131	7.37E-09	25YrCancerHighEnd_InhSoilDerm	7.37E-09	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.0054	-3.04E-08	25YrCancerHighEnd_InhSoilDerm	-3.04E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00117	6.58E-09	25YrCancerHighEnd_InhSoilDerm	6.58E-09	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00125	-7.03E-09	25YrCancerHighEnd_InhSoilDerm	-7.03E-09	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00423	-2.38E-08	25YrCancerHighEnd_InhSoilDerm	-2.38E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00647	-3.64E-08	25YrCancerHighEnd_InhSoilDerm	-3.64E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0165	-9.28E-08	25YrCancerHighEnd_InhSoilDerm	-9.28E-08	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0307	-1.73E-07	25YrCancerHighEnd_InhSoilDerm	-1.73E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0201	-1.13E-07	25YrCancerHighEnd_InhSoilDerm	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0142	-7.99E-08	25YrCancerHighEnd_InhSoilDerm	-7.99E-08	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0133	-7.48E-08	25YrCancerHighEnd_InhSoilDerm	-7.48E-08	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0116	-6.53E-08	25YrCancerHighEnd_InhSoilDerm	-6.53E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0174	-9.79E-08	25YrCancerHighEnd_InhSoilDerm	-9.79E-08	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0126	-7.09E-08	25YrCancerHighEnd_InhSoilDerm	-7.09E-08	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0197	-1.11E-07	25YrCancerHighEnd_InhSoilDerm	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00731	-4.11E-08	25YrCancerHighEnd_InhSoilDerm	-4.11E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0748	-4.21E-07	25YrCancerHighEnd_InhSoilDerm	-4.21E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0609	-3.43E-07	25YrCancerHighEnd_InhSoilDerm	-3.43E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0682	-3.84E-07	25YrCancerHighEnd_InhSoilDerm	-3.84E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0704	-3.96E-07	25YrCancerHighEnd_InhSoilDerm	-3.96E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.048	-2.70E-07	25YrCancerHighEnd_InhSoilDerm	-2.70E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0595	-3.35E-07	25YrCancerHighEnd_InhSoilDerm	-3.35E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0664	-3.74E-07	25YrCancerHighEnd_InhSoilDerm	-3.74E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0792	-4.46E-07	25YrCancerHighEnd_InhSoilDerm	-4.46E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0433	-2.44E-07	25YrCancerHighEnd_InhSoilDerm	-2.44E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0242	-1.36E-07	25YrCancerHighEnd_InhSoilDerm	-1.36E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00314	-1.77E-08	25YrCancerHighEnd_InhSoilDerm	-1.77E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.55E-03	-1.43E-08	25YrCancerHighEnd_InhSoilDerm	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.94E-03	-2.22E-08	25YrCancerHighEnd_InhSoilDerm	-2.22E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.45E-02	-1.94E-07	25YrCancerHighEnd_InhSoilDerm	-1.94E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.33E-02	-1.31E-07	25YrCancerHighEnd_InhSoilDerm	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.35E-02	-7.60E-08	25YrCancerHighEnd_InhSoilDerm	-7.60E-08	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.82E-02	-2.71E-07	25YrCancerHighEnd_InhSoilDerm	-2.71E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.39E-02	-3.60E-07	25YrCancerHighEnd_InhSoilDerm	-3.60E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.30E-04	-1.86E-09	25YrCancerHighEnd_InhSoilDerm	-1.86E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.39E-04	-1.34E-09	25YrCancerHighEnd_InhSoilDerm	-1.34E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.59E-04	-2.02E-09	25YrCancerHighEnd_InhSoilDerm	-2.02E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.40E-04	-3.04E-09	25YrCancerHighEnd_InhSoilDerm	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.81E-04	-3.83E-09	25YrCancerHighEnd_InhSoilDerm	-3.83E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.36E-03	-7.65E-09	25YrCancerHighEnd_InhSoilDerm	-7.65E-09	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.05E-03	-5.91E-09	25YrCancerHighEnd_InhSoilDerm	-5.91E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-7.43E-04	-4.18E-09	25YrCancerHighEnd_InhSoilDerm	-4.18E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-9.37E-04	-5.27E-09	25YrCancerHighEnd_InhSoilDerm	-5.27E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.24E-04	-1.82E-09	25YrCancerHighEnd_InhSoilDerm	-1.82E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.56E-04	-2.00E-09	25YrCancerHighEnd_InhSoilDerm	-2.00E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-5.58E-04	-3.14E-09	25YrCancerHighEnd_InhSoilDerm	-3.14E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.37E-03	-1.33E-08	25YrCancerHighEnd_InhSoilDerm	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.51E-04	-3.66E-09	25YrCancerHighEnd_InhSoilDerm	-3.66E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.39E-03	-7.82E-09	25YrCancerHighEnd_InhSoilDerm	-7.82E-09	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.58E-02	-8.89E-08	25YrCancerHighEnd_InhSoilDerm	-8.89E-08	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.36E-02	-7.65E-08	25YrCancerHighEnd_InhSoilDerm	-7.65E-08	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.36E-02	-1.33E-07	25YrCancerHighEnd_InhSoilDerm	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.20E-02	-2.36E-07	25YrCancerHighEnd_InhSoilDerm	-2.36E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.43E-02	-3.06E-07	25YrCancerHighEnd_InhSoilDerm	-3.06E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.44E-02	-1.37E-07	25YrCancerHighEnd_InhSoilDerm	-1.37E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.48E-02	-8.33E-08	25YrCancerHighEnd_InhSoilDerm	-8.33E-08	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.95E-04	-5.60E-09	25YrCancerHighEnd_InhSoilDerm	-5.60E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.25E-03	-7.03E-09	25YrCancerHighEnd_InhSoilDerm	-7.03E-09	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.77E-04	-3.25E-09	25YrCancerHighEnd_InhSoilDerm	-3.25E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.45E-03	-1.38E-08	25YrCancerHighEnd_InhSoilDerm	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.09E-03	-6.13E-09	25YrCancerHighEnd_InhSoilDerm	-6.13E-09	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.70E-03	-5.46E-08	25YrCancerHighEnd_InhSoilDerm	-5.46E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.29E-02	-2.41E-07	25YrCancerHighEnd_InhSoilDerm	-2.41E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.71E-02	-2.65E-07	25YrCancerHighEnd_InhSoilDerm	-2.65E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.30E-02	-2.42E-07	25YrCancerHighEnd_InhSoilDerm	-2.42E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.65E-03	-5.43E-08	25YrCancerHighEnd_InhSoilDerm	-5.43E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-8.05E-08	25YrCancerHighEnd_InhSoilDerm	-8.05E-08	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.40E-03	-5.29E-08	25YrCancerHighEnd_InhSoilDerm	-5.29E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.73E-03	-5.47E-08	25YrCancerHighEnd_InhSoilDerm	-5.47E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.45E-03	-1.94E-08	25YrCancerHighEnd_InhSoilDerm	-1.94E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.46E-03	-8.21E-09	25YrCancerHighEnd_InhSoilDerm	-8.21E-09	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.98E-03	-1.11E-08	25YrCancerHighEnd_InhSoilDerm	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.29E-03	-7.26E-09	25YrCancerHighEnd_InhSoilDerm	-7.26E-09	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.60E-03	-1.46E-08	25YrCancerHighEnd_InhSoilDerm	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.48E-04	-4.77E-09	25YrCancerHighEnd_InhSoilDerm	-4.77E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.41E-03	-1.36E-08	25YrCancerHighEnd_InhSoilDerm	-1.36E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.44E-03	-1.94E-08	25YrCancerHighEnd_InhSoilDerm	-1.94E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.44E-03	-4.75E-08	25YrCancerHighEnd_InhSoilDerm	-4.75E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.94E-03	-1.09E-08	25YrCancerHighEnd_InhSoilDerm	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.04E-04	-3.96E-09	25YrCancerHighEnd_InhSoilDerm	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.67E-03	-3.75E-08	25YrCancerHighEnd_InhSoilDerm	-3.75E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.50E-03	-8.44E-09	25YrCancerHighEnd_InhSoilDerm	-8.44E-09	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.51E-03	-1.72E-09	25YrCancerHighEnd_InhSoilDerm	-1.72E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.32E-03	-1.14E-09	25YrCancerHighEnd_InhSoilDerm	-1.14E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-6.75E-04	-3.30E-10	25YrCancerHighEnd_InhSoilDerm	-3.30E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-6.51E-04	-3.19E-10	25YrCancerHighEnd_InhSoilDerm	-3.19E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.70E-04	-2.79E-10	25YrCancerHighEnd_InhSoilDerm	-2.79E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-5.94E-04	-2.91E-10	25YrCancerHighEnd_InhSoilDerm	-2.91E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-8.95E-04	-4.38E-10	25YrCancerHighEnd_InhSoilDerm	-4.38E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.47E-03	-1.21E-09	25YrCancerHighEnd_InhSoilDerm	-1.21E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.98E-04	-3.91E-10	25YrCancerHighEnd_InhSoilDerm	-3.91E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.13E-03	-5.53E-10	25YrCancerHighEnd_InhSoilDerm	-5.53E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.73E-03	-8.47E-10	25YrCancerHighEnd_InhSoilDerm	-8.47E-10	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.30E-03	-1.13E-09	25YrCancerHighEnd_InhSoilDerm	-1.13E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00517	-2.53E-09	25YrCancerHighEnd_InhSoilDerm	-2.53E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00922	-4.51E-09	25YrCancerHighEnd_InhSoilDerm	-4.51E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00616	-3.02E-09	25YrCancerHighEnd_InhSoilDerm	-3.02E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00448	-2.19E-09	25YrCancerHighEnd_InhSoilDerm	-2.19E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00425	-2.08E-09	25YrCancerHighEnd_InhSoilDerm	-2.08E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00379	-1.86E-09	25YrCancerHighEnd_InhSoilDerm	-1.86E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00592	-2.90E-09	25YrCancerHighEnd_InhSoilDerm	-2.90E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00491	-2.40E-09	25YrCancerHighEnd_InhSoilDerm	-2.40E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00781	-3.82E-09	25YrCancerHighEnd_InhSoilDerm	-3.82E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00624	-3.05E-09	25YrCancerHighEnd_InhSoilDerm	-3.05E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0238	-1.17E-08	25YrCancerHighEnd_InhSoilDerm	-1.17E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0197	-9.64E-09	25YrCancerHighEnd_InhSoilDerm	-9.64E-09	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0218	-1.07E-08	25YrCancerHighEnd_InhSoilDerm	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0224	-1.10E-08	25YrCancerHighEnd_InhSoilDerm	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0158	-7.73E-09	25YrCancerHighEnd_InhSoilDerm	-7.73E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0186	-9.10E-09	25YrCancerHighEnd_InhSoilDerm	-9.10E-09	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0205	-1.00E-08	25YrCancerHighEnd_InhSoilDerm	-1.00E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.024	-1.17E-08	25YrCancerHighEnd_InhSoilDerm	-1.17E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0131	-6.41E-09	25YrCancerHighEnd_InhSoilDerm	-6.41E-09	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00765	-3.74E-09	25YrCancerHighEnd_InhSoilDerm	-3.74E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00123	-6.02E-10	25YrCancerHighEnd_InhSoilDerm	-6.02E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.0017	-8.32E-10	25YrCancerHighEnd_InhSoilDerm	-8.32E-10	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00223	-1.09E-09	25YrCancerHighEnd_InhSoilDerm	-1.09E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0104	-5.09E-09	25YrCancerHighEnd_InhSoilDerm	-5.09E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00734	-3.59E-09	25YrCancerHighEnd_InhSoilDerm	-3.59E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00725	-3.55E-09	25YrCancerHighEnd_InhSoilDerm	-3.55E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0156	-7.64E-09	25YrCancerHighEnd_InhSoilDerm	-7.64E-09	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0193	-9.45E-09	25YrCancerHighEnd_InhSoilDerm	-9.45E-09	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000125	-6.12E-11	25YrCancerHighEnd_InhSoilDerm	-6.12E-11	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000878	-4.30E-11	25YrCancerHighEnd_InhSoilDerm	-4.30E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000131	-6.41E-11	25YrCancerHighEnd_InhSoilDerm	-6.41E-11	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000212	-1.04E-10	25YrCancerHighEnd_InhSoilDerm	-1.04E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.00026	-1.27E-10	25YrCancerHighEnd_InhSoilDerm	-1.27E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000488	-2.39E-10	25YrCancerHighEnd_InhSoilDerm	-2.39E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000429	-2.10E-10	25YrCancerHighEnd_InhSoilDerm	-2.10E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000358	-1.75E-10	25YrCancerHighEnd_InhSoilDerm	-1.75E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000443	-2.17E-10	25YrCancerHighEnd_InhSoilDerm	-2.17E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000132	-6.46E-11	25YrCancerHighEnd_InhSoilDerm	-6.46E-11	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000147	-7.20E-11	25YrCancerHighEnd_InhSoilDerm	-7.20E-11	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000259	-1.27E-10	25YrCancerHighEnd_InhSoilDerm	-1.27E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.62E-03	-7.93E-10	25YrCancerHighEnd_InhSoilDerm	-7.93E-10	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.78E-04	-1.36E-10	25YrCancerHighEnd_InhSoilDerm	-1.36E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.92E-04	-2.90E-10	25YrCancerHighEnd_InhSoilDerm	-2.90E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.35E-03	-3.11E-09	25YrCancerHighEnd_InhSoilDerm	-3.11E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00425	-2.08E-09	25YrCancerHighEnd_InhSoilDerm	-2.08E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00713	-3.49E-09	25YrCancerHighEnd_InhSoilDerm	-3.49E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0129	-6.31E-09	25YrCancerHighEnd_InhSoilDerm	-6.31E-09	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0167	-8.17E-09	25YrCancerHighEnd_InhSoilDerm	-8.17E-09	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00809	-3.96E-09	25YrCancerHighEnd_InhSoilDerm	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.01E-03	-2.45E-09	25YrCancerHighEnd_InhSoilDerm	-2.45E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.96E-04	-2.92E-10	25YrCancerHighEnd_InhSoilDerm	-2.92E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000679	-3.32E-10	25YrCancerHighEnd_InhSoilDerm	-3.32E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000231	-1.13E-10	25YrCancerHighEnd_InhSoilDerm	-1.13E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000954	-4.67E-10	25YrCancerHighEnd_InhSoilDerm	-4.67E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000414	-2.03E-10	25YrCancerHighEnd_InhSoilDerm	-2.03E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00429	-2.10E-09	25YrCancerHighEnd_InhSoilDerm	-2.10E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0132	-6.46E-09	25YrCancerHighEnd_InhSoilDerm	-6.46E-09	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0149	-7.29E-09	25YrCancerHighEnd_InhSoilDerm	-7.29E-09	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-6.27E-09	25YrCancerHighEnd_InhSoilDerm	-6.27E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00311	-1.52E-09	25YrCancerHighEnd_InhSoilDerm	-1.52E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00512	-2.51E-09	25YrCancerHighEnd_InhSoilDerm	-2.51E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00381	-1.86E-09	25YrCancerHighEnd_InhSoilDerm	-1.86E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00366	-1.79E-09	25YrCancerHighEnd_InhSoilDerm	-1.79E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00145	-7.10E-10	25YrCancerHighEnd_InhSoilDerm	-7.10E-10	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000683	-3.34E-10	25YrCancerHighEnd_InhSoilDerm	-3.34E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000941	-4.61E-10	25YrCancerHighEnd_InhSoilDerm	-4.61E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000677	-3.31E-10	25YrCancerHighEnd_InhSoilDerm	-3.31E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.26E-03	-6.17E-10	25YrCancerHighEnd_InhSoilDerm	-6.17E-10	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.46E-04	-1.69E-10	25YrCancerHighEnd_InhSoilDerm	-1.69E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00121	-5.92E-10	25YrCancerHighEnd_InhSoilDerm	-5.92E-10	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00131	-6.41E-10	25YrCancerHighEnd_InhSoilDerm	-6.41E-10	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00275	-1.35E-09	25YrCancerHighEnd_InhSoilDerm	-1.35E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.80E-04	-3.33E-10	25YrCancerHighEnd_InhSoilDerm	-3.33E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.95E-04	-1.44E-10	25YrCancerHighEnd_InhSoilDerm	-1.44E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.21E-03	-1.08E-09	25YrCancerHighEnd_InhSoilDerm	-1.08E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000618	-3.03E-10	25YrCancerHighEnd_InhSoilDerm	-3.03E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00773	9.13E-09	25YrCancerHighEnd_InhSoilDerm	9.13E-09	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00758	8.96E-09	25YrCancerHighEnd_InhSoilDerm	8.96E-09	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0107	1.26E-08	25YrCancerHighEnd_InhSoilDerm	1.26E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0121	1.43E-08	25YrCancerHighEnd_InhSoilDerm	1.43E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0111	1.31E-08	25YrCancerHighEnd_InhSoilDerm	1.31E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.036	4.25E-08	25YrCancerHighEnd_InhSoilDerm	4.25E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0475	5.61E-08	25YrCancerHighEnd_InhSoilDerm	5.61E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0308	3.64E-08	25YrCancerHighEnd_InhSoilDerm	3.64E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	5.00E-08	25YrCancerHighEnd_InhSoilDerm	5.00E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	3.27E-08	25YrCancerHighEnd_InhSoilDerm	3.27E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	1.96E-08	25YrCancerHighEnd_InhSoilDerm	1.96E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	1.49E-08	25YrCancerHighEnd_InhSoilDerm	1.49E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00654	7.73E-09	25YrCancerHighEnd_InhSoilDerm	7.73E-09	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00303	-3.58E-09	25YrCancerHighEnd_InhSoilDerm	-3.58E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00301	3.56E-09	25YrCancerHighEnd_InhSoilDerm	3.56E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00671	7.93E-09	25YrCancerHighEnd_InhSoilDerm	7.93E-09	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00798	9.43E-09	25YrCancerHighEnd_InhSoilDerm	9.43E-09	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0103	1.22E-08	25YrCancerHighEnd_InhSoilDerm	1.22E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.39E-02	2.82E-08	25YrCancerHighEnd_InhSoilDerm	2.82E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0402	4.75E-08	25YrCancerHighEnd_InhSoilDerm	4.75E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0683	8.07E-08	25YrCancerHighEnd_InhSoilDerm	8.07E-08	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	1.75E-07	25YrCancerHighEnd_InhSoilDerm	1.75E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.25E-02	5.02E-08	25YrCancerHighEnd_InhSoilDerm	5.02E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0455	5.38E-08	25YrCancerHighEnd_InhSoilDerm	5.38E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.41E-02	5.21E-08	25YrCancerHighEnd_InhSoilDerm	5.21E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.18E-02	4.94E-08	25YrCancerHighEnd_InhSoilDerm	4.94E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0458	5.41E-08	25YrCancerHighEnd_InhSoilDerm	5.41E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0227	2.68E-08	25YrCancerHighEnd_InhSoilDerm	2.68E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0154	1.82E-08	25YrCancerHighEnd_InhSoilDerm	1.82E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.00109	1.29E-09	25YrCancerHighEnd_InhSoilDerm	1.29E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.0011	1.30E-09	25YrCancerHighEnd_InhSoilDerm	1.30E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0123	1.45E-08	25YrCancerHighEnd_InhSoilDerm	1.45E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0103	1.22E-08	25YrCancerHighEnd_InhSoilDerm	1.22E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0342	4.04E-08	25YrCancerHighEnd_InhSoilDerm	4.04E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0382	4.51E-08	25YrCancerHighEnd_InhSoilDerm	4.51E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000228	2.69E-10	25YrCancerHighEnd_InhSoilDerm	2.69E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0101	1.19E-08	25YrCancerHighEnd_InhSoilDerm	1.19E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	1.38E-07	25YrCancerHighEnd_InhSoilDerm	1.38E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0378	4.47E-08	25YrCancerHighEnd_InhSoilDerm	4.47E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000585	6.91E-10	25YrCancerHighEnd_InhSoilDerm	6.91E-10	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000905	1.07E-09	25YrCancerHighEnd_InhSoilDerm	1.07E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000567	6.70E-10	25YrCancerHighEnd_InhSoilDerm	6.70E-10	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000838	9.90E-10	25YrCancerHighEnd_InhSoilDerm	9.90E-10	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.78E-03	2.10E-09	25YrCancerHighEnd_InhSoilDerm	2.10E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00199	2.35E-09	25YrCancerHighEnd_InhSoilDerm	2.35E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00281	3.32E-09	25YrCancerHighEnd_InhSoilDerm	3.32E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00409	4.83E-09	25YrCancerHighEnd_InhSoilDerm	4.83E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00488	5.77E-09	25YrCancerHighEnd_InhSoilDerm	5.77E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00586	6.92E-09	25YrCancerHighEnd_InhSoilDerm	6.92E-09	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.23E-03	1.45E-09	25YrCancerHighEnd_InhSoilDerm	1.45E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00144	1.70E-09	25YrCancerHighEnd_InhSoilDerm	1.70E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00333	3.93E-09	25YrCancerHighEnd_InhSoilDerm	3.93E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0333	3.93E-08	25YrCancerHighEnd_InhSoilDerm	3.93E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00299	3.53E-09	25YrCancerHighEnd_InhSoilDerm	3.53E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00625	7.38E-09	25YrCancerHighEnd_InhSoilDerm	7.38E-09	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	6.78E-08	25YrCancerHighEnd_InhSoilDerm	6.78E-08	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00522	6.17E-09	25YrCancerHighEnd_InhSoilDerm	6.17E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000779	-9.20E-10	25YrCancerHighEnd_InhSoilDerm	-9.20E-10	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00603	7.1245E-09	25YrCancerHighEnd_InhSoilDerm	7.1245E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.0105	1.2406E-08	25YrCancerHighEnd_InhSoilDerm	1.2406E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0255	3.0128E-08	25YrCancerHighEnd_InhSoilDerm	3.0128E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.02	2.363E-08	25YrCancerHighEnd_InhSoilDerm	2.363E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	1.2878E-08	25YrCancerHighEnd_InhSoilDerm	1.2878E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	1.3115E-08	25YrCancerHighEnd_InhSoilDerm	1.3115E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	2.4339E-09	25YrCancerHighEnd_InhSoilDerm	2.4339E-09	0	0	0

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00783	9.2512E-09	25YrCancerHighEnd_InhSoilDerm	9.2512E-09	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	3.5918E-09	25YrCancerHighEnd_InhSoilDerm	3.5918E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	5.8957E-08	25YrCancerHighEnd_InhSoilDerm	5.8957E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00747	8.8259E-09	25YrCancerHighEnd_InhSoilDerm	8.8259E-09	0	0	0
950	1650	-890	50000	Formaldehyde	0.0238	2.812E-08	25YrCancerHighEnd_InhSoilDerm	2.812E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00881	-1.0409E-08	25YrCancerHighEnd_InhSoilDerm	-1.0409E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00687	8.117E-09	25YrCancerHighEnd_InhSoilDerm	8.117E-09	0	0	0
953	-333	-788	50000	Formaldehyde	0.0287	3.3909E-08	25YrCancerHighEnd_InhSoilDerm	3.3909E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	4.1707E-08	25YrCancerHighEnd_InhSoilDerm	4.1707E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	3.131E-08	25YrCancerHighEnd_InhSoilDerm	3.131E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0149	1.7604E-08	25YrCancerHighEnd_InhSoilDerm	1.7604E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00885	1.0456E-08	25YrCancerHighEnd_InhSoilDerm	1.0456E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	1.4887E-08	25YrCancerHighEnd_InhSoilDerm	1.4887E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.2406E-08	25YrCancerHighEnd_InhSoilDerm	1.2406E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	2.044E-08	25YrCancerHighEnd_InhSoilDerm	2.044E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	3.9108E-09	25YrCancerHighEnd_InhSoilDerm	3.9108E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	2.0913E-08	25YrCancerHighEnd_InhSoilDerm	2.0913E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00992	1.1721E-08	25YrCancerHighEnd_InhSoilDerm	1.1721E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00707	8.3533E-09	25YrCancerHighEnd_InhSoilDerm	8.3533E-09	0	0	0
965	2400	240	50000	Formaldehyde	0.00341	4.0289E-09	25YrCancerHighEnd_InhSoilDerm	4.0289E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00301	3.5563E-09	25YrCancerHighEnd_InhSoilDerm	3.5563E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00685	8.0933E-09	25YrCancerHighEnd_InhSoilDerm	8.0933E-09	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	7.1245E-09	25YrCancerHighEnd_InhSoilDerm	7.1245E-09	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000573	-3.8686E-09	25YrCancerHighEnd_InhSoilDerm	-3.8686E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000278	-1.8769E-09	25YrCancerHighEnd_InhSoilDerm	-1.8769E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000263	1.7756E-09	25YrCancerHighEnd_InhSoilDerm	1.7756E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000325	2.1942E-09	25YrCancerHighEnd_InhSoilDerm	2.1942E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000304	2.0524E-09	25YrCancerHighEnd_InhSoilDerm	2.0524E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00131	8.8444E-09	25YrCancerHighEnd_InhSoilDerm	8.8444E-09	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00169	1.141E-08	25YrCancerHighEnd_InhSoilDerm	1.141E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000622	4.1994E-09	25YrCancerHighEnd_InhSoilDerm	4.1994E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00151	1.0195E-08	25YrCancerHighEnd_InhSoilDerm	1.0195E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000834	5.6307E-09	25YrCancerHighEnd_InhSoilDerm	5.6307E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000234	1.5798E-09	25YrCancerHighEnd_InhSoilDerm	1.5798E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000689	-4.6518E-10	25YrCancerHighEnd_InhSoilDerm	-4.6518E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00104	-7.0215E-09	25YrCancerHighEnd_InhSoilDerm	-7.0215E-09	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00244	-1.6474E-08	25YrCancerHighEnd_InhSoilDerm	-1.6474E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00143	-9.6546E-09	25YrCancerHighEnd_InhSoilDerm	-9.6546E-09	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000857	-5.786E-09	25YrCancerHighEnd_InhSoilDerm	-5.786E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000748	-5.0501E-09	25YrCancerHighEnd_InhSoilDerm	-5.0501E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000538	-3.6323E-09	25YrCancerHighEnd_InhSoilDerm	-3.6323E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000526	-3.5513E-09	25YrCancerHighEnd_InhSoilDerm	-3.5513E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000388	2.6196E-09	25YrCancerHighEnd_InhSoilDerm	2.6196E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000793	5.3539E-09	25YrCancerHighEnd_InhSoilDerm	5.3539E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00441	2.9774E-08	25YrCancerHighEnd_InhSoilDerm	2.9774E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00427	-2.8829E-08	25YrCancerHighEnd_InhSoilDerm	-2.8829E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00312	-2.1065E-08	25YrCancerHighEnd_InhSoilDerm	-2.1065E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00372	-2.5115E-08	25YrCancerHighEnd_InhSoilDerm	-2.5115E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00396	-2.6736E-08	25YrCancerHighEnd_InhSoilDerm	-2.6736E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00212	-1.4313E-08	25YrCancerHighEnd_InhSoilDerm	-1.4313E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00377	-2.5453E-08	25YrCancerHighEnd_InhSoilDerm	-2.5453E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00454	-3.0652E-08	25YrCancerHighEnd_InhSoilDerm	-3.0652E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.006	-4.0509E-08	25YrCancerHighEnd_InhSoilDerm	-4.0509E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00326	-2.201E-08	25YrCancerHighEnd_InhSoilDerm	-2.201E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00143	-9.6546E-09	25YrCancerHighEnd_InhSoilDerm	-9.6546E-09	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000107	7.2241E-10	25YrCancerHighEnd_InhSoilDerm	7.2241E-10	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000952	6.4274E-09	25YrCancerHighEnd_InhSoilDerm	6.4274E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000982	6.6299E-09	25YrCancerHighEnd_InhSoilDerm	6.6299E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00262	-1.7689E-08	25YrCancerHighEnd_InhSoilDerm	-1.7689E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00144	-9.7221E-09	25YrCancerHighEnd_InhSoilDerm	-9.7221E-09	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00288	1.9444E-08	25YrCancerHighEnd_InhSoilDerm	1.9444E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.0024	-1.6204E-08	25YrCancerHighEnd_InhSoilDerm	-1.6204E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00485	-3.2745E-08	25YrCancerHighEnd_InhSoilDerm	-3.2745E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.0000052	3.5108E-11	25YrCancerHighEnd_InhSoilDerm	3.5108E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000796	5.3742E-12	25YrCancerHighEnd_InhSoilDerm	5.3742E-12	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000729	4.9218E-12	25YrCancerHighEnd_InhSoilDerm	4.9218E-12	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000184	1.2423E-10	25YrCancerHighEnd_InhSoilDerm	1.2423E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000147	9.9247E-11	25YrCancerHighEnd_InhSoilDerm	9.9247E-11	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000921	-6.2181E-11	25YrCancerHighEnd_InhSoilDerm	-6.2181E-11	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000571	3.8551E-10	25YrCancerHighEnd_InhSoilDerm	3.8551E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000107	7.2241E-10	25YrCancerHighEnd_InhSoilDerm	7.2241E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000125	8.4393E-10	25YrCancerHighEnd_InhSoilDerm	8.4393E-10	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000165	1.114E-10	25YrCancerHighEnd_InhSoilDerm	1.114E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000213	1.4381E-10	25YrCancerHighEnd_InhSoilDerm	1.4381E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000069	4.6585E-10	25YrCancerHighEnd_InhSoilDerm	4.6585E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000937	6.3261E-09	25YrCancerHighEnd_InhSoilDerm	6.3261E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000508	3.4297E-10	25YrCancerHighEnd_InhSoilDerm	3.4297E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000103	6.954E-10	25YrCancerHighEnd_InhSoilDerm	6.954E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000718	4.8476E-09	25YrCancerHighEnd_InhSoilDerm	4.8476E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000858	-5.7928E-09	25YrCancerHighEnd_InhSoilDerm	-5.7928E-09	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00183	-1.2355E-08	25YrCancerHighEnd_InhSoilDerm	-1.2355E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.003	-2.0254E-08	25YrCancerHighEnd_InhSoilDerm	-2.0254E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00379	-2.5588E-08	25YrCancerHighEnd_InhSoilDerm	-2.5588E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00101	-6.819E-09	25YrCancerHighEnd_InhSoilDerm	-6.819E-09	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000454	-3.0652E-09	25YrCancerHighEnd_InhSoilDerm	-3.0652E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000288	1.9444E-09	25YrCancerHighEnd_InhSoilDerm	1.9444E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000277	1.8702E-09	25YrCancerHighEnd_InhSoilDerm	1.8702E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000252	1.7014E-10	25YrCancerHighEnd_InhSoilDerm	1.7014E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000759	5.1244E-10	25YrCancerHighEnd_InhSoilDerm	5.1244E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000185	1.249E-10	25YrCancerHighEnd_InhSoilDerm	1.249E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000934	6.3059E-09	25YrCancerHighEnd_InhSoilDerm	6.3059E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00302	-2.0389E-08	25YrCancerHighEnd_InhSoilDerm	-2.0389E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00279	-1.8837E-08	25YrCancerHighEnd_InhSoilDerm	-1.8837E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-2.4103E-08	25YrCancerHighEnd_InhSoilDerm	-2.4103E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000505	-3.4095E-09	25YrCancerHighEnd_InhSoilDerm	-3.4095E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000129	-8.7094E-10	25YrCancerHighEnd_InhSoilDerm	-8.7094E-10	0	0	0
1130	-42	-825	91203	Naphthalene	0.000467	3.1529E-09	25YrCancerHighEnd_InhSoilDerm	3.1529E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000146	9.8571E-10	25YrCancerHighEnd_InhSoilDerm	9.8571E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000238	1.6068E-09	25YrCancerHighEnd_InhSoilDerm	1.6068E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000185	1.249E-09	25YrCancerHighEnd_InhSoilDerm	1.249E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000271	1.8296E-09	25YrCancerHighEnd_InhSoilDerm	1.8296E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000256	1.7284E-09	25YrCancerHighEnd_InhSoilDerm	1.7284E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000383	2.5858E-09	25YrCancerHighEnd_InhSoilDerm	2.5858E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000463	3.1259E-10	25YrCancerHighEnd_InhSoilDerm	3.1259E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000409	2.7614E-09	25YrCancerHighEnd_InhSoilDerm	2.7614E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000701	4.7328E-10	25YrCancerHighEnd_InhSoilDerm	4.7328E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000406	-2.7411E-09	25YrCancerHighEnd_InhSoilDerm	-2.7411E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000337	-2.2752E-10	25YrCancerHighEnd_InhSoilDerm	-2.2752E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000474	3.2002E-10	25YrCancerHighEnd_InhSoilDerm	3.2002E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000279	-1.8837E-09	25YrCancerHighEnd_InhSoilDerm	-1.8837E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000881	5.948E-10	25YrCancerHighEnd_InhSoilDerm	5.948E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.02	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0121	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00175	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0016	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00148	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.0026	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00363	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00363	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0156	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0122	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00898	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:01:16 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00964	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00626	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0456	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0331	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0341	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0424	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0486	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.158	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0835	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0915	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0805	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.251	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.109	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.103	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.133	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.204	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.237	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0298	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.167	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0204	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.068	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000288	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00202	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.0000338	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.125	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.169	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0784	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00593	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.113	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000741	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000527	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000649	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000955	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00119	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00151	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00172	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00146	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00119	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000757	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000893	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000715	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00198	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.0009	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00185	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0814	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0667	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.00591	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0735	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.089	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.162	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0628	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0114	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0117	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00307	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00415	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00547	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0647	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1213	1647	-390	9960	SULFATES	0.208	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1214	1650	-890	9960	SULFATES	0.199	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1215	1430	215	9960	SULFATES	0.195	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1216	1142	615	9960	SULFATES	0.0416	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000501	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0217	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0861	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0214	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00937	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0144	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0113	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0268	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00425	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1226	2577	-940	9960	SULFATES	0.026	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0237	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1228	1577	291	9960	SULFATES	0.0409	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1229	2400	240	9960	SULFATES	0.00911	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1230	2600	1290	9960	SULFATES	0.0048	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1231	900	935	9960	SULFATES	0.0176	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00789	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-4.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	-3.11E-09	-4.62E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-3.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.16E-10	-2.10E-09	-3.12E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-2.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-11	-1.40E-10	-2.08E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-3.04E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.97E-11	-2.04E-10	-3.04E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-2.82E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-11	-1.89E-10	-2.81E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-7.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-10	-5.02E-10	-7.45E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-10	-8.65E-10	-1.28E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-10	-1.63E-09	-2.42E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	4.29E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.82E-11	2.88E-10	4.28E-11	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	8.31E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-10	5.58E-10	8.29E-11	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	1.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	9.72E-10	1.44E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	2.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-10	1.46E-09	2.18E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	6.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	4.04E-09	6.01E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	9.72E-09	1.44E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	1.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	6.99E-09	1.04E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	9.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	6.37E-09	9.46E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	1.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-09	6.91E-09	1.03E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-09	7.10E-09	1.06E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	3.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-09	2.04E-08	3.04E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	1.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-09	1.14E-08	1.69E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	1.44E-08	2.14E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	1.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-09	1.26E-08	1.88E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	5.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	3.80E-08	5.65E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	2.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-09	1.70E-08	2.53E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	2.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-09	1.60E-08	2.38E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	2.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-09	1.78E-08	2.64E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	3.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-09	2.12E-08	3.14E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-5.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	-3.37E-08	-5.01E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-09	-7.10E-09	-1.06E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-3.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.06E-09	-2.66E-08	-3.95E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-5.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-09	-3.42E-09	-5.09E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-1.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-09	-1.07E-08	-1.59E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-1.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-10	-6.79E-10	-1.01E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-1.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-10	-1.23E-09	-1.83E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-1.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-10	-1.10E-09	-1.63E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	2.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-09	1.46E-08	2.18E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	3.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-09	2.14E-08	3.18E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	1.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	1.21E-08	1.79E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-8.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-09	-5.59E-09	-8.30E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-3.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.09E-09	-2.08E-08	-3.09E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	8.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-11	5.72E-11	8.50E-12	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	6.91E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-11	4.64E-11	6.89E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	6.32E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-11	4.24E-11	6.31E-12	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	1.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-11	9.00E-11	1.34E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	9.62E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-11	6.46E-11	9.60E-12	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	5.65E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-11	3.79E-11	5.64E-12	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	7.50E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-11	5.04E-11	7.48E-12	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	1.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-11	7.93E-11	1.18E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-6.62E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-11	-4.44E-11	-6.60E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	8.84E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-11	5.94E-11	8.82E-12	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	1.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-11	7.93E-11	1.18E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-4.53E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-12	-3.04E-12	-4.52E-13	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-1.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-10	-1.16E-09	-1.72E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	5.10E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-11	3.42E-11	5.09E-12	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	1.43E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-11	9.58E-11	1.42E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	1.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	9.79E-09	1.45E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-09	9.36E-09	1.39E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	2.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-10	1.66E-09	2.46E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-2.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-09	-1.38E-08	-2.05E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-2.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.94E-09	-1.74E-08	-2.59E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	3.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.94E-09	2.33E-08	3.46E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	1.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-09	8.86E-09	1.32E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	2.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-10	1.51E-09	2.24E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-10	1.63E-09	2.42E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	7.38E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	4.95E-10	7.36E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	7.15E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	4.80E-10	7.13E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	1.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	8.86E-10	1.32E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	8.29E-09	1.23E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	4.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	3.28E-08	4.87E-09	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	4.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	3.19E-08	4.75E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	4.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	3.03E-08	4.50E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	9.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	6.64E-09	9.86E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-4.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.60E-10	-2.82E-09	-4.18E-10	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-6.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-10	-4.11E-10	-6.10E-11	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	1.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-09	1.21E-08	1.80E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	3.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.09E-10	2.67E-09	3.96E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	1.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-10	1.10E-09	1.63E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	2.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-10	1.72E-09	2.56E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	2.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-10	1.36E-09	2.02E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	5.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	3.59E-09	5.33E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	1.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-10	6.75E-10	1.00E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	5.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	3.67E-09	5.45E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	5.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	3.47E-09	5.15E-10	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	9.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	6.30E-09	9.35E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	2.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-10	1.52E-09	2.26E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	9.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	6.51E-10	9.67E-11	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-09	7.36E-09	1.09E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	1.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-10	1.27E-09	1.89E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.49E-06	-3.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-07	-8.31E-09	-4.12E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.25E-06	-2.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-07	-5.36E-09	-2.65E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.30E-07	1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	3.10E-10	1.53E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	8.70E-08	9.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.01E-09	2.07E-10	1.03E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	5.36E-08	5.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	1.28E-10	6.32E-12	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-6.62E-09	-7.02E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-10	-1.58E-11	-7.81E-13	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	3.13E-08	3.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-09	7.46E-11	3.69E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.06E-06	-1.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	-2.52E-09	-1.25E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.83E-06	1.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-07	4.36E-09	2.16E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.59E-06	1.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	3.79E-09	1.88E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.59E-06	1.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	3.79E-09	1.88E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.98E-06	2.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	4.72E-09	2.34E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.91E-06	4.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-07	9.31E-09	4.61E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.07E-05	1.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-06	2.55E-08	1.26E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.80E-06	8.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-07	1.86E-08	9.20E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.38E-06	7.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-07	1.76E-08	8.71E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.31E-06	8.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.60E-07	1.98E-08	9.80E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.85E-06	9.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.16E-07	2.11E-08	1.04E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.60E-05	2.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-06	6.19E-08	3.07E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.46E-05	1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-06	3.48E-08	1.72E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.78E-05	1.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-06	4.24E-08	2.10E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.65E-05	1.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-06	3.93E-08	1.95E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.61E-05	4.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-06	1.10E-07	5.44E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.10E-05	2.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-06	5.00E-08	2.48E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.99E-05	2.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-06	4.74E-08	2.35E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.29E-05	2.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-06	5.45E-08	2.70E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.95E-05	3.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-06	7.03E-08	3.48E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.01E-05	-4.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.15E-06	-9.55E-08	-4.73E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.85E-06	-7.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.09E-07	-1.63E-08	-8.08E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.05E-05	-3.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.16E-06	-7.26E-08	-3.60E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.64E-06	-3.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-07	-8.67E-09	-4.29E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.23E-05	-1.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-06	-2.93E-08	-1.45E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-3.84E-07	-4.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.98E-08	-9.15E-10	-4.53E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-4.08E-07	-4.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-08	-9.72E-10	-4.81E-11	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-2.81E-07	-2.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-08	-6.69E-10	-3.31E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.93E-05	2.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-06	4.60E-08	2.28E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.73E-05	2.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-06	6.50E-08	3.22E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.58E-05	1.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-06	3.76E-08	1.86E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-3.46E-06	-3.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-07	-8.24E-09	-4.08E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.28E-05	-2.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-06	-5.43E-08	-2.69E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.08E-07	1.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	2.57E-10	1.27E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	8.16E-08	8.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.45E-09	1.94E-10	9.63E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	9.12E-08	9.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-09	2.17E-10	1.08E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.58E-07	1.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	3.76E-10	1.86E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.58E-07	1.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	3.76E-10	1.86E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	1.74E-07	1.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	4.14E-10	2.05E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	2.09E-07	2.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	4.98E-10	2.47E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	2.26E-07	2.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	5.38E-10	2.67E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	1.12E-07	1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-08	2.67E-10	1.32E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.14E-07	1.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	2.72E-10	1.34E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.39E-07	1.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	3.31E-10	1.64E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	8.08E-08	8.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-09	1.92E-10	9.53E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-3.73E-07	-3.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.86E-08	-8.88E-10	-4.40E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.19E-07	1.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	2.83E-10	1.40E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.67E-07	2.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-08	6.36E-10	3.15E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.34E-05	1.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	3.19E-08	1.58E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.15E-05	1.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-06	2.74E-08	1.36E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.84E-06	1.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-07	4.38E-09	2.17E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.50E-05	-1.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-06	-3.57E-08	-1.77E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.87E-05	-1.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-06	-4.45E-08	-2.21E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.86E-05	3.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-06	6.81E-08	3.37E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.11E-05	1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	2.64E-08	1.31E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.03E-06	2.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	4.84E-09	2.39E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.16E-06	2.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	5.14E-09	2.55E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.13E-07	6.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-08	1.46E-09	7.23E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	7.45E-07	7.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.71E-08	1.77E-09	8.79E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.09E-06	1.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	2.60E-09	1.29E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.11E-05	1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	2.64E-08	1.31E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.88E-05	4.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-06	9.24E-08	4.58E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.78E-05	4.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-06	9.00E-08	4.46E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.58E-05	3.80E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-06	8.53E-08	4.22E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	7.97E-06	8.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-07	1.90E-08	9.40E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.81E-06	-1.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-07	-4.31E-09	-2.14E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	1.38E-06	1.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	3.29E-09	1.63E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.51E-05	1.60E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-06	3.60E-08	1.78E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.59E-06	3.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-07	8.55E-09	4.23E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.55E-06	1.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-07	3.69E-09	1.83E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.39E-06	2.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-07	5.69E-09	2.82E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.89E-06	2.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	4.50E-09	2.23E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.68E-06	4.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-07	1.11E-08	5.52E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.48E-07	8.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.78E-08	2.02E-09	1.00E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.72E-06	5.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-07	1.12E-08	5.57E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.33E-06	4.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-07	1.03E-08	5.11E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	7.59E-06	8.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.86E-07	1.81E-08	8.95E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.82E-06	1.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	4.34E-09	2.15E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.58E-07	9.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-08	2.04E-09	1.01E-10	0.00E+00
263	900	935	18540299	Cr(VI)	7.21E-06	7.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-07	1.72E-08	8.50E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.59E-06	1.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-07	3.79E-09	1.88E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-1.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-11	-9.19E-11	-6.83E-12	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-7.02E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-11	-5.06E-11	-3.76E-12	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	6.07E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-12	4.37E-11	3.25E-12	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	6.52E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-12	4.70E-11	3.49E-12	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	4.73E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-12	3.41E-11	2.53E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	8.99E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	6.48E-11	4.81E-12	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	1.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-11	1.42E-10	1.06E-11	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	1.17E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-11	8.46E-11	6.29E-12	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	3.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-11	2.63E-10	1.95E-11	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	2.57E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-11	1.85E-10	1.37E-11	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	2.05E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-11	1.48E-10	1.10E-11	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	2.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-11	1.56E-10	1.16E-11	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	3.92E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-11	2.82E-10	2.10E-11	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	7.58E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	5.47E-10	4.06E-11	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	5.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-11	4.21E-10	3.13E-11	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	5.54E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.42E-11	4.00E-10	2.97E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	6.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-11	4.37E-10	3.25E-11	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	6.35E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.63E-11	4.58E-10	3.40E-11	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-10	1.14E-09	8.48E-11	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	1.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-10	7.65E-10	5.69E-11	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	1.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-10	1.00E-09	7.43E-11	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	1.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	1.17E-09	8.69E-11	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	3.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-10	2.21E-09	1.64E-10	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	1.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-10	1.19E-09	8.81E-11	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	1.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-10	1.13E-09	8.42E-11	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	1.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-10	1.19E-09	8.87E-11	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	1.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-10	1.32E-09	9.78E-11	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-1.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-10	-1.39E-09	-1.03E-10	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-1.79E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-11	-1.29E-10	-9.57E-12	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-1.52E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-10	-1.09E-09	-8.12E-11	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-9.16E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-11	-6.60E-11	-4.90E-12	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-5.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-11	-4.21E-10	-3.13E-11	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	2.85E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-12	2.06E-11	1.53E-12	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	1.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-11	1.06E-10	7.88E-12	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	2.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-11	1.60E-10	1.19E-11	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	1.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-10	8.42E-10	6.26E-11	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	1.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	1.17E-09	8.69E-11	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	1.54E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-10	1.11E-09	8.27E-11	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-1.50E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-13	-1.08E-12	-8.03E-14	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-1.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-10	-8.54E-10	-6.35E-11	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	1.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-12	9.48E-12	7.04E-13	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	9.94E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-12	7.17E-12	5.32E-13	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	1.25E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-12	9.03E-12	6.71E-13	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	2.11E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-12	1.52E-11	1.13E-12	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	2.30E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-12	1.66E-11	1.23E-12	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	3.05E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-12	2.20E-11	1.63E-12	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	3.76E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-12	2.71E-11	2.02E-12	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	4.33E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-12	3.12E-11	2.32E-12	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	3.59E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-12	2.59E-11	1.92E-12	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	1.48E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-12	1.07E-11	7.94E-13	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	1.72E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-12	1.24E-11	9.23E-13	1.28E-12

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	2.05E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-12	1.48E-11	1.10E-12	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	1.43E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-11	1.03E-10	7.67E-12	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	2.19E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-12	1.58E-11	1.17E-12	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	4.74E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-12	3.41E-11	2.54E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	1.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	7.73E-10	5.75E-11	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	7.02E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	5.06E-10	3.76E-11	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	1.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-11	1.33E-10	9.87E-12	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-7.58E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-10	-5.47E-10	-4.06E-11	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-9.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-10	-6.72E-10	-4.99E-11	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	1.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	1.29E-09	9.60E-11	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	7.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.55E-10	4.12E-11	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	1.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-11	1.28E-10	9.54E-12	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	1.93E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-11	1.39E-10	1.03E-11	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	5.08E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-12	3.66E-11	2.72E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	8.99E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	6.48E-11	4.81E-12	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	8.65E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	6.24E-11	4.63E-12	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	8.88E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	6.40E-10	4.75E-11	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	2.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-10	1.74E-09	1.29E-10	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-10	1.75E-09	1.30E-10	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	2.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-10	1.53E-09	1.14E-10	1.57E-10
336	1142	615	7439921	Lead	0.00000984	5.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-11	3.98E-10	2.96E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	3.46E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-12	2.49E-11	1.85E-12	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	2.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-11	1.56E-10	1.16E-11	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	1.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-10	7.25E-10	5.38E-11	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	2.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-11	2.06E-10	1.53E-11	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	1.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-11	9.84E-11	7.31E-12	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	2.02E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-11	1.45E-10	1.08E-11	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	1.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-11	1.17E-10	8.72E-12	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	3.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-11	2.59E-10	1.92E-11	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	7.30E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-11	5.26E-11	3.91E-12	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	3.74E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-11	2.69E-10	2.00E-11	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	3.20E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-11	2.30E-10	1.71E-11	2.36E-11
348	1577	291	7439921	Lead	0.00000896	5.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-11	3.63E-10	2.70E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	1.35E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-11	9.72E-11	7.22E-12	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	7.13E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-11	5.14E-11	3.82E-12	5.28E-12
351	900	935	7439921	Lead	0.0000104	5.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-11	4.21E-10	3.13E-11	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	1.40E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-11	1.01E-10	7.52E-12	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000498	-9.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.20E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000321	-5.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.93E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000707	1.31E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-3.81E-08	-7.04E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.04E-12	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-3.11E-08	-5.75E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.75E-12	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000156	-2.88E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000362	-6.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000184	-3.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000199	3.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000185	3.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000186	3.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000237	4.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000428	7.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000136	2.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000987	1.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000944	1.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000108	2.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000117	2.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000356	6.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000193	3.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000229	4.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000201	3.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000615	1.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000271	5.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000256	4.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000305	5.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000413	7.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000562	-1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.0000961	-1.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000421	-7.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.78E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.000053	-9.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.79E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000171	-3.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.16E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000057	-1.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000862	-1.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000974	-1.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000269	4.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.77E-04	6.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000194	3.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000429	-7.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.92E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00031	-5.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.73E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000133	2.46E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000997	1.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.0000011	2.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000186	3.44E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000189	3.49E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000201	3.71E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000235	4.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000232	4.29E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.29E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000931	1.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000137	2.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000169	3.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000767	1.42E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000807	-1.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.0000013	2.40E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000029	5.36E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000177	3.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000157	2.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000213	3.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000204	-3.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000253	-4.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000387	7.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000149	2.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.000026	4.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000274	5.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000781	1.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000887	1.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000139	2.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000145	2.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000522	9.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.64E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000504	9.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.31E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000485	8.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000105	1.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000244	-4.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000204	3.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000203	3.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000474	8.76E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000202	3.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000313	5.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000245	4.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.53E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000616	1.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000107	1.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000614	1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000057	1.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000101	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000236	4.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000111	2.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000085	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.00002	3.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0128	2.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0103	2.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00786	1.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.00832	1.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0072	1.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0148	3.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.0223	4.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.00152	-3.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-07	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0385	8.60E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.60E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0231	5.16E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00596	1.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000723	1.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0638	-1.42E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.03	-6.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.70E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0172	-3.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.00145	-3.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00951	2.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.018	4.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0775	1.73E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0389	8.69E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.69E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0197	4.40E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0243	5.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0196	4.38E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0372	8.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.31E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0557	1.24E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.114	2.55E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.228	5.09E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0426	9.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.51E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.00467	1.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.0161	3.60E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0211	4.71E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0391	8.73E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.73E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0135	3.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0194	4.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.000279	6.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-08	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	9.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0827	1.85E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0286	6.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.202	4.51E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0325	7.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000733	1.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000507	1.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000788	1.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00104	2.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00163	3.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00273	6.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00321	7.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00257	5.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00398	8.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000826	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.000893	1.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.0018	4.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0185	4.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00177	3.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00297	6.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0514	1.15E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00776	1.73E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00506	1.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0297	6.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0287	6.41E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0118	2.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0119	2.66E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00455	1.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00416	9.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000921	2.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00359	8.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.02E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.001	2.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0296	6.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00894	2.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00319	7.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00144	-3.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0114	2.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0399	8.91E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.91E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0643	1.44E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.012	2.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00914	2.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00512	1.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00711	1.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.0056	1.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00794	1.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000991	2.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00661	1.48E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00433	9.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.67E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00433	9.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.67E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00133	2.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00201	4.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.002	4.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00355	7.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00123	1.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00115	1.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00151	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.0017	2.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00155	1.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00499	6.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00658	8.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00436	5.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00587	7.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00387	4.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00237	2.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00185	2.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	1.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000214	2.61E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000707	8.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.0013	1.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0016	1.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00357	4.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00578	7.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00978	1.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	2.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00698	8.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.50E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.0072	8.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.77E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00711	8.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00682	8.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.31E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00706	8.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.60E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00401	4.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00309	3.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00129	1.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000775	9.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00206	2.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00148	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00479	5.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00537	6.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000527	6.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00174	2.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	2.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00595	7.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000999	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000131	1.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000822	1.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000122	1.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000255	3.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000286	3.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00041	4.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000583	7.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.00069	8.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000828	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000175	2.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000206	2.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00047	5.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00467	5.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	5.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000888	1.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.0082	9.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.99E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000921	1.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000232	2.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00144	1.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00223	2.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00389	4.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00299	3.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	1.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	1.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	3.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	1.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000438	5.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	8.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00165	2.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00398	4.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000607	-7.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00109	1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.0042	5.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	6.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00382	4.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	2.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	2.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	5.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	3.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.0011	1.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000501	6.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	5.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00217	4.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00229	4.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0036	7.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00409	8.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00374	7.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.59E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0123	2.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0163	3.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.0103	2.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	2.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	1.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00548	1.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00403	8.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00152	3.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00235	-4.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000164	3.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00168	3.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00215	4.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00301	6.11E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00739	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	2.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0225	4.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0502	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0113	2.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0129	2.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0121	2.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0112	2.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0136	2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	5.20E-03	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.40E-03	4.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.03E-03	-6.15E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.15E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.49E-03	-3.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	3.16E-03	6.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.39E-03	6.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.16E-02	2.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.29E-02	2.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.0014	-2.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.45E-03	4.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	7.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.96E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.08E-02	2.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00254	-5.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.16E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.95E-04	5.99E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000183	3.71E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.00027	5.48E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000583	1.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000648	1.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000901	1.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00135	2.74E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00163	3.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00196	3.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000405	8.22E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.22E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000477	9.68E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.11E-03	2.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0113	2.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.93E-04	2.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	4.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	3.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.0012	2.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00128	-2.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000252	5.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.00124	2.52E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00765	1.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00619	1.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	7.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.43E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	7.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000679	1.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00256	5.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.00099	2.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	3.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000705	1.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00609	1.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00485	-9.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.85E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00193	3.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00919	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	2.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00861	1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00495	1.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00295	5.99E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	8.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	7.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.0058	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	2.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00592	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00324	6.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00205	4.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	2.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000998	2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00205	4.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00199	4.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0109	-2.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00699	-1.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00127	-2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00106	-2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000888	-1.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00127	2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00131	2.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.0054	-1.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00117	2.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00125	-2.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00423	-8.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.59E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00647	-1.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0165	-3.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0307	-6.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.23E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0201	-4.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.08E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0142	-2.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0133	-2.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0116	-2.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0174	-3.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0126	-2.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0197	-4.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00731	-1.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0748	-1.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0609	-1.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0682	-1.38E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0704	-1.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.048	-9.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.74E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0595	-1.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0664	-1.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0792	-1.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0433	-8.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.79E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0242	-4.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.91E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00314	-6.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.37E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.55E-03	-5.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.94E-03	-8.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.00E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.45E-02	-7.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.00E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.33E-02	-4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.35E-02	-2.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.82E-02	-9.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.78E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.39E-02	-1.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.30E-04	-6.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.70E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.39E-04	-4.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.85E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.59E-04	-7.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.29E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.40E-04	-1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.81E-04	-1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.36E-03	-2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.05E-03	-2.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-7.43E-04	-1.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-9.37E-04	-1.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.24E-04	-6.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.56E-04	-7.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.23E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-5.58E-04	-1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.37E-03	-4.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.51E-04	-1.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.39E-03	-2.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.58E-02	-3.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.21E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.36E-02	-2.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.36E-02	-4.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.79E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.20E-02	-8.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.53E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.43E-02	-1.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.44E-02	-4.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.48E-02	-3.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.95E-04	-2.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.25E-03	-2.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.77E-04	-1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.45E-03	-4.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.09E-03	-2.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.70E-03	-1.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.29E-02	-8.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.71E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.71E-02	-9.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.56E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.30E-02	-8.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.73E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.65E-03	-1.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-2.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.90E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.40E-03	-1.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.73E-03	-1.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.45E-03	-7.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.00E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.46E-03	-2.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.98E-03	-4.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.29E-03	-2.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.60E-03	-5.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.48E-04	-1.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.41E-03	-4.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.44E-03	-6.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.44E-03	-1.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.94E-03	-3.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.04E-04	-1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.67E-03	-1.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.50E-03	-3.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.51E-03	-6.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.20E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.32E-03	-4.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.10E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-6.75E-04	-1.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-6.51E-04	-1.15E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.70E-04	-1.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-5.94E-04	-1.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-8.95E-04	-1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.47E-03	-4.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.98E-04	-1.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.13E-03	-2.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.73E-03	-3.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.06E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.30E-03	-4.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.06E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00517	-9.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.13E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00922	-1.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00616	-1.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00448	-7.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.91E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00425	-7.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.51E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00379	-6.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00592	-1.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00491	-8.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.67E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00781	-1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00624	-1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0238	-4.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0197	-3.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.48E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0218	-3.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0224	-3.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0158	-2.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0186	-3.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0205	-3.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.024	-4.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0131	-2.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00765	-1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00123	-2.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.0017	-3.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00223	-3.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0104	-1.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00734	-1.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00725	-1.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0156	-2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0193	-3.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000125	-2.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000878	-1.55E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000131	-2.31E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000212	-3.74E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.74E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.00026	-4.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.59E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000488	-8.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.62E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000429	-7.58E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.58E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000358	-6.32E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.32E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000443	-7.82E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.82E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000132	-2.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000147	-2.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000259	-4.57E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.57E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.62E-03	-2.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.86E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.78E-04	-4.91E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.91E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.92E-04	-1.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.35E-03	-1.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00425	-7.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.51E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00713	-1.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0129	-2.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0167	-2.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00809	-1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.01E-03	-8.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.85E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.96E-04	-1.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000679	-1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000231	-4.08E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.08E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000954	-1.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000414	-7.31E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.31E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00429	-7.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.58E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0132	-2.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0149	-2.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-2.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00311	-5.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00512	-9.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.04E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00381	-6.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.73E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00366	-6.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00145	-2.56E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000683	-1.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000941	-1.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000677	-1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.26E-03	-2.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.46E-04	-6.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00121	-2.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00131	-2.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00275	-4.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.80E-04	-1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.95E-04	-5.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.21E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.21E-03	-3.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.90E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000618	-1.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00773	3.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00758	3.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0107	4.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0121	5.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0111	4.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.036	1.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0475	2.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0308	1.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	7.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	5.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00654	2.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00303	-1.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00301	1.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00671	2.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00798	3.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0103	4.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.39E-02	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0402	1.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0683	2.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	6.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.25E-02	1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0455	1.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.41E-02	1.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.18E-02	1.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0458	1.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0227	9.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0154	6.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.00109	4.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.0011	4.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0123	5.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0103	4.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0342	1.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0382	1.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000228	9.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-10	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0101	4.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	4.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0378	1.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000585	2.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000905	3.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000567	2.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000838	3.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.78E-03	7.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.59E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00199	8.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00281	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00409	1.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00488	2.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00586	2.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.23E-03	5.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00144	6.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00333	1.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0333	1.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00299	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00625	2.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	2.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00522	2.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000779	-3.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00603	2.5706E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5706E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.0105	4.4762E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4762E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0255	1.0871E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0871E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.02	8.526E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.526E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	4.6467E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6467E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	4.7319E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7319E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	8.7818E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7818E-09	0	0	0

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00783	3.3379E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3379E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	1.296E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.296E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	2.1272E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1272E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00747	3.1845E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1845E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0238	1.0146E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0146E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00881	-3.7557E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7557E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00687	2.9287E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9287E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0287	1.2235E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2235E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	1.5048E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5048E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	1.1297E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1297E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0149	6.3519E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3519E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00885	3.7728E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7728E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	5.3714E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3714E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	4.4762E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4762E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	7.375E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.375E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	1.4111E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4111E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	7.5455E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5455E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00992	4.2289E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2289E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00707	3.0139E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0139E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00341	1.4537E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4537E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00301	1.2832E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2832E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00685	2.9202E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9202E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	2.5706E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5706E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000573	-1.3958E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3958E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000278	-6.7721E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.7721E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000263	6.4067E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4067E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000325	7.917E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.917E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000304	7.4054E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4054E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00131	3.1912E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1912E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00169	4.1168E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1168E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000622	1.5152E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5152E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00151	3.6784E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6784E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000834	2.0316E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0316E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000234	5.7002E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7002E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000689	-1.6784E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6784E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00104	-2.5334E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5334E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00244	-5.9438E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9438E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00143	-3.4835E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4835E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000857	-2.0877E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0877E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000748	-1.8221E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8221E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000538	-1.3106E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3106E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000526	-1.2813E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2813E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000388	9.4517E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4517E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000793	1.9317E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9317E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00441	1.0743E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0743E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00427	-1.0402E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0402E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00312	-7.6003E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6003E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00372	-9.0619E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.0619E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00396	-9.6466E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.6466E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00212	-5.1643E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1643E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00377	-9.1837E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1837E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00454	-1.1059E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1059E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.006	-1.4616E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4616E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00326	-7.9414E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.9414E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00143	-3.4835E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4835E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000107	2.6065E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6065E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000952	2.3191E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3191E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000982	2.3922E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3922E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00262	-6.3823E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.3823E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00144	-3.5078E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5078E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00288	7.0157E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0157E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.0024	-5.8464E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8464E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00485	-1.1815E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1815E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.0000052	1.2667E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2667E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000796	1.9391E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9391E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000729	1.7758E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7758E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000184	4.4822E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4822E-10	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000147	3.5809E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5809E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000921	-2.2436E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2436E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000571	1.391E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.391E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000107	2.6065E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6065E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000125	3.045E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.045E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000165	4.0194E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0194E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000213	5.1887E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1887E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000069	1.6808E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6808E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000937	2.2825E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2825E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000508	1.2375E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2375E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000103	2.5091E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5091E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000718	1.749E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.749E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000858	-2.0901E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0901E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00183	-4.4579E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.4579E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.003	-7.308E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.308E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00379	-9.2324E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2324E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00101	-2.4604E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4604E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000454	-1.1059E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1059E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000288	7.0157E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0157E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000277	6.7477E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7477E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000252	6.1387E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1387E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000759	1.8489E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8489E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000185	4.5066E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5066E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000934	2.2752E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2752E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00302	-7.3567E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3567E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00279	-6.7964E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.7964E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-8.6965E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.6965E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000505	-1.2302E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2302E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000129	-3.1424E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1424E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000467	1.1376E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1376E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000146	3.5566E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5566E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000238	5.7977E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7977E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000185	4.5066E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5066E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000271	6.6016E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6016E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000256	6.2362E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2362E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000383	9.3299E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3299E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000463	1.1279E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1279E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000409	9.9632E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9632E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000701	1.7076E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7076E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000406	-9.8902E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.8902E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000337	-8.2093E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.2093E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000474	1.1547E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1547E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000279	-6.7964E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.7964E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000881	2.1461E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1461E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.02	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0121	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00175	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0016	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00148	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.0026	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0156	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0122	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00898	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:30:27 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00964	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00626	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0456	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0331	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0341	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0424	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0486	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.158	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0835	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0915	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0805	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.251	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.109	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.103	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.133	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.204	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.237	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0298	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.167	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0204	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.068	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000288	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00202	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.0000338	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.125	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.169	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0784	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00593	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.113	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000741	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000527	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000649	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000955	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00151	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00172	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00146	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000757	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000893	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000715	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00198	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.0009	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00185	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0814	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0667	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.00591	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0735	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.089	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.162	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0628	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0114	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0117	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00307	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00415	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00547	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0647	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.208	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.199	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.195	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0416	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000501	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0217	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0861	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0214	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00937	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0144	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0113	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0268	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00425	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.026	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0237	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0409	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00911	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.0048	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0176	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00789	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-2.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-09	-2.06E-08	-1.50E-09	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.57E-09	-1.39E-08	-1.01E-09	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-1.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-10	-9.27E-10	-6.74E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-1.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.50E-10	-1.35E-09	-9.84E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-10	-1.25E-09	-9.12E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-4.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.15E-10	-3.32E-09	-2.42E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-7.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	-5.72E-09	-4.16E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-09	-1.08E-08	-7.85E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	2.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-10	1.91E-09	1.39E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	4.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-10	3.69E-09	2.69E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	8.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	6.43E-09	4.68E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	9.69E-09	7.05E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	3.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-09	2.68E-08	1.95E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	8.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	6.43E-08	4.68E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	5.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-09	4.62E-08	3.37E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	5.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.80E-09	4.21E-08	3.07E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	5.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-09	4.57E-08	3.33E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	5.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	4.70E-08	3.42E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	1.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	1.35E-07	9.84E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	9.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	7.52E-08	5.47E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	9.55E-08	6.95E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	8.37E-08	6.09E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	3.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-08	2.52E-07	1.83E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	1.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	1.13E-07	8.19E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	1.06E-07	7.71E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	1.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-08	1.18E-07	8.57E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	1.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	1.40E-07	1.02E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-2.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-08	-2.23E-07	-1.62E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-5.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-09	-4.70E-08	-3.42E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-2.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-08	-1.76E-07	-1.28E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-2.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-09	-2.26E-08	-1.65E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-8.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	-7.09E-08	-5.16E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-5.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.32E-10	-4.49E-09	-3.27E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	-8.13E-09	-5.92E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-9.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-09	-7.28E-09	-5.30E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	9.69E-08	7.05E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	1.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	1.42E-07	1.03E-08	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	7.99E-08	5.82E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-4.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-09	-3.70E-08	-2.69E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-1.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-08	-1.38E-07	-1.00E-08	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	4.76E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-11	3.79E-10	2.76E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	3.86E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-11	3.07E-10	2.23E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	3.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-11	2.81E-10	2.04E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	7.49E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	5.96E-10	4.34E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	5.38E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-11	4.27E-10	3.11E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	3.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-11	2.51E-10	1.83E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	4.19E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-11	3.33E-10	2.43E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	6.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-11	5.25E-10	3.82E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-3.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.45E-11	-2.94E-10	-2.14E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	4.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-11	3.93E-10	2.86E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	6.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-11	5.25E-10	3.82E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-2.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-12	-2.01E-11	-1.47E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-9.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-09	-7.66E-09	-5.57E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	2.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-11	2.26E-10	1.65E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	7.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	6.34E-10	4.61E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	8.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	6.48E-08	4.71E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	7.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	6.19E-08	4.51E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	1.10E-08	7.98E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-1.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	-9.13E-08	-6.64E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-08	-1.15E-07	-8.40E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	1.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-08	1.54E-07	1.12E-08	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	7.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	5.86E-08	4.27E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	9.98E-09	7.26E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	1.08E-08	7.85E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	4.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-10	3.28E-09	2.38E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	4.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-10	3.18E-09	2.31E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	7.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	5.86E-09	4.27E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.48E-08	3.99E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	2.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-08	2.17E-07	1.58E-08	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	2.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-08	2.11E-07	1.54E-08	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	2.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-08	2.00E-07	1.46E-08	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	5.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.13E-09	4.39E-08	3.20E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-2.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-09	-1.86E-08	-1.36E-09	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-3.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.03E-10	-2.72E-09	-1.98E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	8.04E-08	5.85E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	2.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	1.76E-08	1.28E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	9.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	7.28E-09	5.30E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-09	1.14E-08	8.29E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	8.98E-09	6.54E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	2.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-09	2.37E-08	1.73E-09	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	5.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.27E-10	4.47E-09	3.25E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	3.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-09	2.43E-08	1.77E-09	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	2.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.25E-09	2.29E-08	1.67E-09	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	5.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.71E-09	4.17E-08	3.03E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-09	1.01E-08	7.33E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	5.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.98E-10	4.31E-09	3.13E-10	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	6.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.02E-09	4.87E-08	3.54E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	8.42E-09	6.12E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.49E-06	-1.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-06	-5.50E-08	-1.33E-09	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.25E-06	-8.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.37E-07	-3.55E-08	-8.60E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	1.30E-07	5.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-08	2.05E-09	4.97E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	8.70E-08	3.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-08	1.37E-09	3.33E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	5.36E-08	2.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-08	8.45E-10	2.05E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-6.62E-09	-2.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-09	-1.04E-10	-2.53E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	3.13E-08	1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-08	4.93E-10	1.20E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.06E-06	-4.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-07	-1.67E-08	-4.05E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.83E-06	7.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.81E-07	2.88E-08	7.00E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.59E-06	6.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-07	2.51E-08	6.08E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.59E-06	6.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-07	2.51E-08	6.08E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.98E-06	7.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-07	3.12E-08	7.57E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.91E-06	1.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	6.16E-08	1.49E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.07E-05	4.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-06	1.69E-07	4.09E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.80E-06	3.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-06	1.23E-07	2.98E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.38E-06	2.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-06	1.16E-07	2.82E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.31E-06	3.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-06	1.31E-07	3.18E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.85E-06	3.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-06	1.39E-07	3.38E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.60E-05	1.01E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.67E-06	4.10E-07	9.94E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.46E-05	5.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-06	2.30E-07	5.58E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.78E-05	6.91E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-06	2.81E-07	6.81E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.65E-05	6.41E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.14E-06	2.60E-07	6.31E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.61E-05	1.79E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-05	7.27E-07	1.76E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.10E-05	8.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-06	3.31E-07	8.03E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.99E-05	7.73E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.40E-06	3.14E-07	7.61E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.29E-05	8.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-06	3.61E-07	8.76E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.95E-05	1.15E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-05	4.65E-07	1.13E-08	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.01E-05	-1.56E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-05	-6.32E-07	-1.53E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.85E-06	-2.66E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-06	-1.08E-07	-2.62E-09	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.05E-05	-1.18E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-05	-4.81E-07	-1.17E-08	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.64E-06	-1.41E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-06	-5.74E-08	-1.39E-09	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.23E-05	-4.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.58E-06	-1.94E-07	-4.70E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-3.84E-07	-1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-07	-6.05E-09	-1.47E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-4.08E-07	-1.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	-6.43E-09	-1.56E-10	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-2.81E-07	-1.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	-4.43E-09	-1.07E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.93E-05	7.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-06	3.04E-07	7.38E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.73E-05	1.06E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-05	4.30E-07	1.04E-08	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.58E-05	6.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-06	2.49E-07	6.04E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-3.46E-06	-1.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-06	-5.45E-08	-1.32E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.28E-05	-8.85E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.48E-06	-3.59E-07	-8.72E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	1.08E-07	4.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-08	1.70E-09	4.13E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	8.16E-08	3.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-08	1.29E-09	3.12E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	9.12E-08	3.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	1.44E-09	3.49E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.58E-07	6.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-08	2.49E-09	6.04E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.58E-07	6.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-08	2.49E-09	6.04E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	1.74E-07	6.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-08	2.74E-09	6.65E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	2.09E-07	8.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-08	3.29E-09	7.99E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	2.26E-07	8.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.41E-08	3.56E-09	8.64E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	1.12E-07	4.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-08	1.77E-09	4.28E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.14E-07	4.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-08	1.80E-09	4.36E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.39E-07	5.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-08	2.19E-09	5.31E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	8.08E-08	3.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-08	1.27E-09	3.09E-11	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-3.73E-07	-1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	-5.88E-09	-1.43E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.19E-07	4.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	1.88E-09	4.55E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.67E-07	1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.93E-08	4.21E-09	1.02E-10	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.34E-05	5.20E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-06	2.11E-07	5.12E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.15E-05	4.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-06	1.81E-07	4.40E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.84E-06	7.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.85E-07	2.90E-08	7.03E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.50E-05	-5.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.58E-06	-2.36E-07	-5.73E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.87E-05	-7.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-06	-2.95E-07	-7.15E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.86E-05	1.11E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-05	4.51E-07	1.09E-08	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.11E-05	4.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	1.75E-07	4.24E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	2.03E-06	7.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-07	3.20E-08	7.76E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.16E-06	8.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.04E-07	3.40E-08	8.26E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	6.13E-07	2.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	9.66E-09	2.34E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	7.45E-07	2.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-07	1.17E-08	2.85E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.09E-06	4.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-07	1.72E-08	4.17E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.11E-05	4.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	1.75E-07	4.24E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.88E-05	1.51E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-05	6.11E-07	1.48E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.78E-05	1.47E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-05	5.96E-07	1.45E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	3.58E-05	1.39E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-05	5.64E-07	1.37E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	7.97E-06	3.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-06	1.26E-07	3.05E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.81E-06	-7.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.73E-07	-2.85E-08	-6.92E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	1.38E-06	5.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.13E-07	2.17E-08	5.28E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.51E-05	5.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-06	2.38E-07	5.77E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.59E-06	1.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-06	5.66E-08	1.37E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.55E-06	6.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-07	2.44E-08	5.93E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.39E-06	9.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-07	3.77E-08	9.14E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.89E-06	7.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-07	2.98E-08	7.23E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.68E-06	1.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	7.38E-08	1.79E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.48E-07	3.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	1.34E-08	3.24E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.72E-06	1.83E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-06	7.44E-08	1.80E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.33E-06	1.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	6.82E-08	1.66E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	7.59E-06	2.95E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-06	1.20E-07	2.90E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.82E-06	7.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.77E-07	2.87E-08	6.96E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.58E-07	3.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-07	1.35E-08	3.28E-10	0.00E+00
263	900	935	18540299	Cr(VI)	7.21E-06	2.80E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-06	1.14E-07	2.76E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.59E-06	6.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-07	2.51E-08	6.08E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-7.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-11	-6.08E-10	-2.21E-11	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-3.91E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-11	-3.35E-10	-1.22E-11	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	3.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-11	2.89E-10	1.05E-11	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	3.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-11	3.11E-10	1.13E-11	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	2.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-11	2.26E-10	8.21E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	5.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-11	4.29E-10	1.56E-11	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	1.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	9.40E-10	3.42E-11	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	6.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-11	5.60E-10	2.04E-11	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-10	1.74E-09	6.33E-11	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	1.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	1.22E-09	4.46E-11	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	1.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	9.78E-10	3.56E-11	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-10	1.03E-09	3.75E-11	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	2.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-10	1.87E-09	6.80E-11	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	4.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-10	3.62E-09	1.32E-10	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	3.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	2.79E-09	1.01E-10	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	3.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	2.64E-09	9.62E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	3.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	2.89E-09	1.05E-10	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	3.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	3.03E-09	1.10E-10	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	8.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-10	7.56E-09	2.75E-10	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	5.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-10	5.06E-09	1.84E-10	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	7.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-10	6.62E-09	2.41E-10	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	9.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-10	7.74E-09	2.82E-10	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	1.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	1.46E-08	5.32E-10	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	9.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-10	7.85E-09	2.86E-10	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	8.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.58E-10	7.50E-09	2.73E-10	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	9.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-10	7.90E-09	2.88E-10	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.96E-10	8.71E-09	3.17E-10	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-1.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	-9.19E-09	-3.34E-10	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-9.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.74E-11	-8.52E-10	-3.10E-11	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-8.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.27E-10	-7.23E-09	-2.63E-10	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-5.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-11	-4.37E-10	-1.59E-11	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-3.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-10	-2.79E-09	-1.01E-10	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	1.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-11	1.36E-10	4.95E-12	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	8.19E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-11	7.02E-10	2.55E-11	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	1.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	1.06E-09	3.84E-11	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	6.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-10	5.57E-09	2.03E-10	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	9.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-10	7.74E-09	2.82E-10	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	8.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-10	7.37E-09	2.68E-10	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-8.34E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-13	-7.15E-12	-2.60E-13	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-6.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.47E-10	-5.65E-09	-2.06E-10	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	7.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-12	6.27E-11	2.28E-12	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	5.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-12	4.74E-11	1.73E-12	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	6.97E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-12	5.97E-11	2.17E-12	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	1.17E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-11	1.00E-10	3.66E-12	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	1.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	1.10E-10	3.99E-12	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	1.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-11	1.45E-10	5.29E-12	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	2.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-11	1.80E-10	6.53E-12	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	2.41E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-11	2.07E-10	7.52E-12	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	2.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-11	1.71E-10	6.23E-12	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	8.25E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.09E-12	7.07E-11	2.57E-12	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	9.59E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-12	8.23E-11	2.99E-12	1.28E-12

Alternative 4 RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	1.14E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-11	9.78E-11	3.56E-12	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	7.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-11	6.83E-10	2.49E-11	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	1.22E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-11	1.04E-10	3.80E-12	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	2.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-11	2.26E-10	8.22E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	5.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-10	5.12E-09	1.86E-10	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	3.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-10	3.35E-09	1.22E-10	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	1.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-10	8.79E-10	3.20E-11	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-4.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-10	-3.62E-09	-1.32E-10	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-5.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.09E-10	-4.45E-09	-1.62E-10	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	9.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.77E-10	8.55E-09	3.11E-10	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	3.67E-09	1.34E-10	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	9.91E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-11	8.49E-10	3.09E-11	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	1.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	9.19E-10	3.34E-11	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	2.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-11	2.42E-10	8.82E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	5.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-11	4.29E-10	1.56E-11	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	4.81E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.72E-11	4.13E-10	1.50E-11	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	4.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-10	4.23E-09	1.54E-10	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	1.15E-08	4.18E-10	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	1.16E-08	4.21E-10	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	1.02E-08	3.70E-10	1.57E-10
336	1142	615	7439921	Lead	0.00000984	3.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	2.64E-09	9.59E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	1.92E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-11	1.65E-10	6.00E-12	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-10	1.03E-09	3.75E-11	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	5.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-10	4.80E-09	1.75E-10	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	1.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-10	1.36E-09	4.95E-11	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	7.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-11	6.51E-10	2.37E-11	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	1.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	9.62E-10	3.50E-11	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	9.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-11	7.77E-10	2.83E-11	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	2.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	1.71E-09	6.23E-11	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	4.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-11	3.48E-10	1.27E-11	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	2.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-10	1.78E-09	6.48E-11	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	1.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-10	1.52E-09	5.55E-11	2.36E-11
348	1577	291	7439921	Lead	0.00000896	2.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	2.40E-09	8.74E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	7.50E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-11	6.43E-10	2.34E-11	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	3.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-11	3.40E-10	1.24E-11	5.28E-12
351	900	935	7439921	Lead	0.0000104	3.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	2.79E-09	1.01E-10	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	7.81E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-11	6.70E-10	2.44E-11	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000498	-3.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000321	-2.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000707	4.69E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-3.81E-08	-2.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-11	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-3.11E-08	-2.06E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-11	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000156	-1.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000362	-2.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000184	-1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000199	1.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000185	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000186	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000237	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000428	2.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000136	9.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000987	6.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000944	6.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000108	7.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.000117	7.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000356	2.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000193	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000229	1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000201	1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000615	4.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000271	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000256	1.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000305	2.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000413	2.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000562	-3.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.0000961	-6.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000421	-2.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.000053	-3.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000171	-1.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000057	-3.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000862	-5.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.72E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.00000974	-6.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.47E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000269	1.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.77E-04	2.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000194	1.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000429	-2.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00031	-2.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000133	8.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000997	6.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.0000011	7.30E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.30E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000186	1.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000189	1.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000201	1.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000235	1.56E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000232	1.54E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000931	6.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.00000137	9.10E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000169	1.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000767	5.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000807	-5.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.0000013	8.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000029	1.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-09	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000177	1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000157	1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000213	1.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000204	-1.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-07	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000253	-1.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000387	2.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000149	9.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.000026	1.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000274	1.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000781	5.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000887	5.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.89E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000139	9.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000145	9.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.63E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000522	3.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000504	3.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000485	3.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000105	6.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000244	-1.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000204	1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000203	1.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000474	3.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000202	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000313	2.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000245	1.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000616	4.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.0000107	7.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000614	4.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000057	3.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.000101	6.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.71E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000236	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000111	7.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.000085	5.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.00002	1.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.0128	1.03E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.0103	8.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.27E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00786	6.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.00832	6.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.0072	5.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.0148	1.19E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-05	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.0223	1.79E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-05	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.00152	-1.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0385	3.09E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0231	1.85E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.00596	4.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.000723	5.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0638	-5.12E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.12E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.03	-2.41E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0172	-1.38E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.00145	-1.16E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.00951	7.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.018	1.44E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-05	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0775	6.22E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0389	3.12E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-05	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.0197	1.58E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-05	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0243	1.95E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-05	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0196	1.57E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.0372	2.99E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.0557	4.47E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.114	9.15E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.15E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.228	1.83E-04	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-04	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.0426	3.42E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.00467	3.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.0161	1.29E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0211	1.69E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	0.0391	3.14E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.0135	1.08E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.0194	1.56E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.000279	2.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0427	3.43E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-05	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0827	6.64E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-05	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.0286	2.30E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-05	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.202	1.62E-04	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0325	2.61E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.000733	5.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.000507	4.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.000788	6.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00104	8.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00163	1.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00273	2.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00321	2.58E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00257	2.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00398	3.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.000826	6.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.000893	7.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.0018	1.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.0185	1.48E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00177	1.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00297	2.38E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0514	4.12E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00776	6.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00506	4.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.0297	2.38E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.0287	2.30E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0118	9.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.47E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0119	9.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00455	3.65E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00416	3.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.000921	7.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.39E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00359	2.88E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.001	8.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.0296	2.38E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-05	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00894	7.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.00319	2.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.00144	-1.16E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.0114	9.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.15E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.0399	3.20E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.0643	5.16E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.012	9.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.63E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.00914	7.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00512	4.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00711	5.71E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.0056	4.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00794	6.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.000991	7.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00661	5.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00433	3.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00433	3.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00133	1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00201	1.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.002	1.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00355	2.85E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00123	5.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00115	5.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00151	6.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.0017	7.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00155	6.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00499	2.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00658	2.88E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00436	1.91E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00587	2.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00387	1.69E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00237	1.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00185	8.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00115	5.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000214	9.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.37E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000707	3.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00114	4.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.0013	5.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0016	7.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00357	1.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00578	2.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00978	4.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0207	9.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.06E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00698	3.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.0072	3.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00711	3.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00682	2.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00706	3.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00401	1.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00309	1.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-06	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.00129	5.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000775	3.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00206	9.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.02E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00148	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00479	2.10E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00537	2.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000527	2.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00174	7.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0164	7.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00595	2.60E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000999	4.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000131	5.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000822	3.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000122	5.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000255	1.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000286	1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.00041	1.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000583	2.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.00069	3.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000828	3.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000175	7.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000206	9.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.02E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00047	2.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00467	2.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000425	1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000888	3.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.0082	3.59E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000921	4.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000232	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00144	6.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.30E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00223	9.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00389	1.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00299	1.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00152	6.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.65E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00156	6.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000295	1.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00112	4.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000438	1.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00707	3.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00165	7.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.22E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00398	1.74E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000607	-2.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00109	4.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.0042	1.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00504	2.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00382	1.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00213	9.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00125	5.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00178	7.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00148	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00245	1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000472	2.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00249	1.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00143	6.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.0011	4.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000501	2.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000429	1.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00105	4.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00086	3.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00217	1.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00229	1.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0036	2.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00409	2.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00374	2.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0123	8.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.97E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0163	1.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.0103	7.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0145	1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0094	6.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00548	4.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00403	2.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00152	1.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00235	-1.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000164	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00168	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00215	1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00301	2.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00739	5.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0132	9.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.63E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0225	1.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0502	3.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0113	8.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0129	9.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0121	8.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0112	8.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0136	9.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.92E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	5.20E-03	3.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	2.40E-03	1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.03E-03	-2.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-1.49E-03	-1.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	3.16E-03	2.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	3.39E-03	2.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.16E-02	8.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.29E-02	9.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.0014	-1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	2.45E-03	1.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.92E-02	2.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	1.08E-02	7.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00254	-1.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.95E-04	2.15E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000183	1.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.00027	1.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000583	4.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.25E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000648	4.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000901	6.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00135	9.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.85E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00163	1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00196	1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000405	2.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000477	3.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.11E-03	8.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0113	8.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.93E-04	7.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00207	1.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0189	1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.0012	8.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.75E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00128	-9.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.34E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	0.000252	1.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	0.00124	9.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.05E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00765	5.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00619	4.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00366	2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00373	2.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000679	4.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00256	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.00099	7.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.22E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0166	1.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000705	5.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00609	4.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00485	-3.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00193	1.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00919	6.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0116	8.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00861	6.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00495	3.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00295	2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00421	3.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00354	2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.0058	4.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00109	7.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00592	4.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00324	2.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00205	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00108	7.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000998	7.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00205	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00199	1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0109	-7.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00699	-5.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.10E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00127	-9.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00106	-7.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.73E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000888	-6.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.48E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.00127	9.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	0.00131	9.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.56E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.0054	-3.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00117	8.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00125	-9.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.12E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00423	-3.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00647	-4.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0165	-1.20E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0307	-2.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0201	-1.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0142	-1.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-06	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0133	-9.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.70E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0116	-8.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.46E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0174	-1.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0126	-9.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0197	-1.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00731	-5.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.33E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0748	-5.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0609	-4.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.44E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0682	-4.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.98E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0704	-5.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.048	-3.50E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.50E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0595	-4.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0664	-4.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.84E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0792	-5.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.78E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0433	-3.16E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.16E-06	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0242	-1.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00314	-2.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.55E-03	-1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-3.94E-03	-2.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.45E-02	-2.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.33E-02	-1.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.35E-02	-9.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.85E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.82E-02	-3.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.39E-02	-4.66E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.30E-04	-2.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.39E-04	-1.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.59E-04	-2.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.40E-04	-3.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-6.81E-04	-4.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.36E-03	-9.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.05E-03	-7.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-7.43E-04	-5.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-9.37E-04	-6.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.84E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.24E-04	-2.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.36E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.56E-04	-2.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-5.58E-04	-4.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.37E-03	-1.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-6.51E-04	-4.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.75E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.39E-03	-1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.58E-02	-1.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-06	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.36E-02	-9.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.36E-02	-1.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.20E-02	-3.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.06E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.43E-02	-3.96E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.44E-02	-1.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.48E-02	-1.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-9.95E-04	-7.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.26E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.25E-03	-9.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.12E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.77E-04	-4.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.21E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.45E-03	-1.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.09E-03	-7.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.70E-03	-7.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.08E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.29E-02	-3.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.71E-02	-3.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.30E-02	-3.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.14E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-9.65E-03	-7.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.04E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.43E-02	-1.04E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-06	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-9.40E-03	-6.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.73E-03	-7.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.10E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.45E-03	-2.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.46E-03	-1.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-1.98E-03	-1.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.29E-03	-9.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.41E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.60E-03	-1.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.48E-04	-6.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.19E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.41E-03	-1.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.44E-03	-2.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.44E-03	-6.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.16E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.94E-03	-1.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.04E-04	-5.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.67E-03	-4.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.87E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.50E-03	-1.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-07	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.51E-03	-2.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.32E-03	-1.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-6.75E-04	-4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-6.51E-04	-4.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-5.70E-04	-3.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.62E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-5.94E-04	-3.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-8.95E-04	-5.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.68E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.47E-03	-1.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-7.98E-04	-5.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.07E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.13E-03	-7.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.17E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.73E-03	-1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.30E-03	-1.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00517	-3.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00922	-5.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.85E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00616	-3.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00448	-2.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00425	-2.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00379	-2.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00592	-3.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.76E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00491	-3.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00781	-4.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00624	-3.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0238	-1.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0197	-1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0218	-1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0224	-1.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0158	-1.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0186	-1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0205	-1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.024	-1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0131	-8.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.31E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00765	-4.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00123	-7.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.0017	-1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00223	-1.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0104	-6.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.60E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00734	-4.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00725	-4.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.60E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0156	-9.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.90E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0193	-1.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000125	-7.93E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000878	-5.57E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.57E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000131	-8.31E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.31E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000212	-1.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-09	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.00026	-1.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000488	-3.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000429	-2.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000358	-2.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-09	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000443	-2.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000132	-8.38E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.38E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000147	-9.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000259	-1.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-1.62E-03	-1.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-08	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.78E-04	-1.76E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.92E-04	-3.76E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.76E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.35E-03	-4.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00425	-2.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00713	-4.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0129	-8.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.19E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0167	-1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-07	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00809	-5.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.01E-03	-3.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.96E-04	-3.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000679	-4.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000231	-1.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000954	-6.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.06E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000414	-2.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00429	-2.72E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0132	-8.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.38E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0149	-9.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0128	-8.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00311	-1.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00512	-3.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00381	-2.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00366	-2.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00145	-9.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.20E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000683	-4.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000941	-5.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000677	-4.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.26E-03	-8.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.00E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.46E-04	-2.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00121	-7.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.68E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00131	-8.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.31E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00275	-1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.80E-04	-4.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.32E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.95E-04	-1.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.21E-03	-1.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000618	-3.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00773	1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00758	1.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.0107	1.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0121	1.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0111	1.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.036	5.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0475	7.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0308	4.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.72E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0423	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0277	4.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0166	2.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0126	1.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00654	1.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00303	-4.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00301	4.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00671	1.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00798	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.0103	1.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.39E-02	3.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0402	6.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0683	1.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.148	2.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.25E-02	6.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0455	6.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.41E-02	6.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.18E-02	6.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0458	7.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0227	3.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.0154	2.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	0.00109	1.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	0.0011	1.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.0123	1.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.0103	1.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0342	5.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0382	5.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	0.000228	3.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.0101	1.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.117	1.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0378	5.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	0.000585	8.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000905	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000567	8.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.69E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000838	1.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.78E-03	2.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00199	3.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00281	4.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00409	6.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00488	7.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00586	8.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.23E-03	1.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00144	2.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00333	5.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0333	5.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00299	4.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00625	9.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.58E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0574	8.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00522	8.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000779	-1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00603	9.2384E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2384E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.0105	1.6087E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6087E-07	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0255	3.9068E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9068E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.02	3.0641E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0641E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0109	0.000000167	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.000000167	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0111	1.7006E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7006E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00206	3.1561E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1561E-08	0	0	0

Alternative 4 RAST Output 70 Year Resident 00-70 (2035 Start) Cancer Risk without Mitigation

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00783	1.1996E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1996E-07	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00304	4.6575E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6575E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0499	7.645E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.645E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00747	1.1445E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1445E-07	0	0	0
950	1650	-890	50000	Formaldehyde	0.0238	3.6463E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6463E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00881	-1.3498E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3498E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00687	1.0525E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0525E-07	0	0	0
953	-333	-788	50000	Formaldehyde	0.0287	4.397E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.397E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0353	5.4082E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4082E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0265	0.000000406	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.000000406	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0149	2.2828E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2828E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00885	1.3559E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3559E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0126	1.9304E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9304E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0105	1.6087E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6087E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0173	2.6505E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6505E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00331	5.0712E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0712E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0177	2.7118E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7118E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00992	1.5198E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5198E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00707	1.0832E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0832E-07	0	0	0
965	2400	240	50000	Formaldehyde	0.00341	5.2244E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2244E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00301	4.6115E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6115E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00685	1.0495E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0495E-07	0	0	0
968	1375	1395	50000	Formaldehyde	0.00603	9.2384E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.2384E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000573	-5.0164E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0164E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000278	-2.4338E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4338E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000263	2.3025E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3025E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000325	2.8453E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8453E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000304	2.6614E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6614E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00131	1.1469E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1469E-07	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00169	1.4795E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4795E-07	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000622	5.4454E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4454E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00151	1.322E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.322E-07	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000834	7.3014E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3014E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000234	2.0486E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0486E-08	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.0000689	-6.032E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.032E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00104	-9.1049E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1049E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00244	-2.1361E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1361E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00143	-1.2519E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2519E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000857	-7.5028E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5028E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000748	-6.5485E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.5485E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000538	-4.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000526	-4.605E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.605E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000388	3.3968E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3968E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000793	6.9425E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9425E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00441	3.8608E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8608E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00427	-3.7383E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7383E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00312	-2.7315E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7315E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00372	-3.2567E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2567E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00396	-3.4669E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4669E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00212	-1.856E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.856E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00377	-3.3005E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3005E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00454	-3.9746E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9746E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.006	-5.2528E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2528E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00326	-2.854E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.854E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00143	-1.2519E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2519E-07	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	0.000107	9.3675E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3675E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000952	8.3345E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3345E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000982	8.5971E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5971E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00262	-2.2937E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2937E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00144	-1.2607E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2607E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00288	2.5214E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5214E-07	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.0024	-2.1011E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1011E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00485	-4.246E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.246E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	0.0000052	4.5524E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5524E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	0.000000796	6.9687E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9687E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	0.000000729	6.3822E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3822E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.0000184	1.6109E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6109E-09	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	0.0000147	1.2869E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2869E-09	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.00000921	-8.0631E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.0631E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.0000571	4.9989E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9989E-09	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000107	9.3675E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3675E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000125	1.0943E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0943E-08	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000165	1.4445E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4445E-09	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000213	1.8647E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8647E-09	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.000069	6.0407E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0407E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000937	8.2031E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2031E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000508	4.4474E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4474E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000103	9.0173E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.0173E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000718	6.2859E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2859E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000858	-7.5115E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5115E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00183	-1.6021E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6021E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.003	-2.6264E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6264E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00379	-3.318E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.318E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00101	-8.8422E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.8422E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000454	-3.9746E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9746E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000288	2.5214E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5214E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000277	2.4251E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4251E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.0000252	2.2062E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2062E-09	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000759	6.6448E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6448E-09	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.0000185	1.6196E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6196E-09	0	0	0
1124	1088	-938	91203	Naphthalene	0.000934	8.1769E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1769E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00302	-2.6439E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6439E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00279	-2.4426E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4426E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.00357	-3.1254E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1254E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.000505	-4.4211E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.4211E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000129	-1.1294E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1294E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.000467	4.0884E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0884E-08	0	0	0
1131	1900	-1175	91203	Naphthalene	0.000146	1.2782E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2782E-08	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000238	2.0836E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0836E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000185	1.6196E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6196E-08	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000271	2.3725E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3725E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000256	2.2412E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2412E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000383	3.353E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.353E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000463	4.0534E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0534E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000409	3.5807E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5807E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000701	6.137E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.137E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000406	-3.5544E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5544E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000337	-2.9503E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9503E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000474	4.1497E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1497E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000279	-2.4426E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4426E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000881	7.7129E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7129E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.02	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0121	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	0.00175	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	0.0016	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	0.00148	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	0.0026	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00363	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0156	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0122	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00898	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 2:27:19 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (without Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\RAST-Input_70-Year Resident_00-70_2035 Start_HR

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00964	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00626	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0456	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0331	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0341	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0424	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0486	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.158	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0835	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0915	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0805	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.251	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.109	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.103	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.133	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.204	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.237	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0298	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.167	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0204	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.068	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	0.000288	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	0.00202	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	0.0000338	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.125	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.169	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0784	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	0.00593	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.113	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000741	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000527	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000649	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000955	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.00151	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00172	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	0.00146	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	0.00119	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000757	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000893	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	0.000715	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	0.00198	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	0.0009	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.00185	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0814	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0667	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	0.00591	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0735	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.089	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.162	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0628	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.0114	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0117	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00307	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00415	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00547	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0647	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.208	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.199	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.195	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0416	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	0.000501	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0217	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0861	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0214	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00937	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0144	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.0113	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0268	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00425	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.026	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0237	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0409	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00911	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.0048	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0176	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00789	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	7.05E-07	2.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	1.94E-08	3.80E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	7.10E-07	2.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	1.95E-08	3.83E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	6.71E-07	2.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-09	1.84E-08	3.62E-10	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	5.20E-07	1.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	1.43E-08	2.81E-10	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	3.93E-07	1.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	1.08E-08	2.12E-10	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	4.55E-07	1.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-09	1.25E-08	2.46E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	5.67E-07	1.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-09	1.56E-08	3.06E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	1.81E-06	5.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-09	4.97E-08	9.77E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.33E-06	1.35E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	1.19E-07	2.34E-09	0.00E+00
10	-75.04	299.11	7440382	Arsenic	3.09E-06	9.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-09	8.49E-08	1.67E-09	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.98E-06	6.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-09	5.44E-08	1.07E-09	0.00E+00
12	144.22	648.15	7440382	Arsenic	1.64E-06	5.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	4.51E-08	8.85E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	1.62E-06	5.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-09	4.45E-08	8.74E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.64E-06	5.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	4.51E-08	8.85E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	1.46E-06	4.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-09	4.01E-08	7.88E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	1.34E-06	4.18E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.25E-09	3.68E-08	7.23E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	1.28E-06	3.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-09	3.52E-08	6.91E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	1.21E-06	3.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-09	3.32E-08	6.53E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	1.51E-06	4.71E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-09	4.15E-08	8.15E-10	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.12E-06	3.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-09	3.08E-08	6.04E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.38E-06	4.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-09	3.79E-08	7.45E-10	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	2.08E-06	6.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.60E-09	5.72E-08	1.12E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	6.25E-06	1.95E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	1.72E-07	3.37E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	9.08E-06	2.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	2.49E-07	4.90E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	1.32E-05	4.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-08	3.63E-07	7.12E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	1.82E-05	5.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-08	5.00E-07	9.82E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.44E-05	7.61E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.74E-08	6.70E-07	1.32E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	2.06E-05	6.42E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-08	5.66E-07	1.11E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	2.22E-05	6.92E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-08	6.10E-07	1.20E-08	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	1.93E-05	6.02E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-08	5.30E-07	1.04E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	1.16E-06	3.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-09	3.19E-08	6.26E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	7.21E-07	2.25E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-09	1.98E-08	3.89E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	8.27E-07	2.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	2.27E-08	4.46E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	9.37E-07	2.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-09	2.57E-08	5.06E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	3.25E-06	1.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	8.93E-08	1.75E-09	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.41E-06	4.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-09	3.87E-08	7.61E-10	0.00E+00
37	1183.39	65.17	7440382	Arsenic	1.62E-06	5.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-09	4.45E-08	8.74E-10	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	3.06E-06	9.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-09	8.41E-08	1.65E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	2.43E-05	7.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.71E-08	6.68E-07	1.31E-08	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	4.53E-06	1.41E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	1.24E-07	2.44E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.29E-07	4.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-10	3.54E-09	6.96E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	9.64E-08	3.01E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-10	2.65E-09	5.20E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.61E-07	5.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-10	4.42E-09	8.69E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.72E-07	5.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-10	4.73E-09	9.28E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	3.45E-07	1.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	9.48E-09	1.86E-10	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	4.49E-07	1.40E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	1.23E-08	2.42E-10	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	5.18E-07	1.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-09	1.42E-08	2.79E-10	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	3.96E-07	1.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-09	1.09E-08	2.14E-10	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	3.22E-07	1.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	8.85E-09	1.74E-10	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	2.11E-07	6.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.69E-10	5.80E-09	1.14E-10	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.17E-07	6.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-10	5.96E-09	1.17E-10	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.56E-07	4.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-10	4.29E-09	8.42E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	8.96E-07	2.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-09	2.46E-08	4.83E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.89E-07	5.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-10	5.19E-09	1.02E-10	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.11E-07	1.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-09	1.13E-08	2.22E-10	0.00E+00
56	671.3	-742.78	7440382	Arsenic	7.04E-06	2.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	1.93E-07	3.80E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.20E-06	3.74E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-09	3.30E-08	6.47E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	8.36E-07	2.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-09	2.30E-08	4.51E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	1.23E-06	3.84E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	3.38E-08	6.64E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	1.38E-05	4.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-08	3.79E-07	7.45E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.57E-06	8.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-09	7.06E-08	1.39E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.70E-06	5.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-09	4.67E-08	9.17E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	4.19E-07	1.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	1.15E-08	2.26E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	3.51E-07	1.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-09	9.64E-09	1.89E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	1.40E-07	4.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-10	3.85E-09	7.55E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.41E-07	2.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	1.76E-08	3.46E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.93E-07	6.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-10	5.30E-09	1.04E-10	0.00E+00
68	1088	-938	7440382	Arsenic	3.05E-06	9.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-09	8.38E-08	1.65E-09	0.00E+00
69	1647	-390	7440382	Arsenic	2.00E-06	6.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-09	5.50E-08	1.08E-09	0.00E+00
70	1650	-890	7440382	Arsenic	2.77E-06	8.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-09	7.61E-08	1.49E-09	0.00E+00
71	1430	215	7440382	Arsenic	1.82E-06	5.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-09	5.00E-08	9.82E-10	0.00E+00
72	1142	615	7440382	Arsenic	9.44E-07	2.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	2.59E-08	5.09E-10	0.00E+00
73	-333	-788	7440382	Arsenic	8.49E-06	2.65E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-08	2.33E-07	4.58E-09	0.00E+00
74	-42	-825	7440382	Arsenic	8.62E-06	2.69E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-08	2.37E-07	4.65E-09	0.00E+00
75	1900	-1175	7440382	Arsenic	1.72E-06	5.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-09	4.73E-08	9.28E-10	0.00E+00
76	1815	-1910	7440382	Arsenic	9.44E-07	2.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	2.59E-08	5.09E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	5.04E-07	1.57E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-09	1.38E-08	2.72E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	6.76E-07	2.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	1.86E-08	3.65E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	5.42E-07	1.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-09	1.49E-08	2.92E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	8.41E-07	2.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	2.31E-08	4.54E-10	0.00E+00
81	3400	-250	7440382	Arsenic	1.74E-07	5.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-10	4.78E-09	9.39E-11	0.00E+00
82	2577	-940	7440382	Arsenic	6.10E-07	1.90E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-09	1.68E-08	3.29E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.42E-07	1.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	1.21E-08	2.38E-10	0.00E+00
84	1577	291	7440382	Arsenic	6.61E-07	2.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-09	1.82E-08	3.57E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.66E-07	8.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.44E-10	7.31E-09	1.44E-10	0.00E+00
86	2600	1290	7440382	Arsenic	2.01E-07	6.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-10	5.52E-09	1.08E-10	0.00E+00
87	900	935	7440382	Arsenic	1.06E-06	3.31E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-09	2.91E-08	5.72E-10	0.00E+00
88	1375	1395	7440382	Arsenic	4.75E-07	1.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-09	1.31E-08	2.56E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.37E-06	5.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-09	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.30E-06	5.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-09	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	1.10E-06	4.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	8.57E-07	3.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-09	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	6.50E-07	2.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-09	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	7.74E-07	3.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-09	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	9.81E-07	3.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-09	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	3.05E-06	1.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	7.00E-06	2.78E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.96E-06	1.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	3.13E-06	1.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.55E-06	1.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	2.33E-06	9.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-09	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.94E-06	7.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.69E-09	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.85E-06	7.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-09	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.71E-06	6.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-09	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.57E-06	6.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-09	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.45E-06	5.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-09	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	9.50E-07	3.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-09	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	9.80E-07	3.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-09	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	1.18E-06	4.68E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-09	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	2.45E-06	9.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-09	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	7.34E-06	2.91E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	1.35E-05	5.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.35E-08	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	2.02E-05	8.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-08	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	2.82E-05	1.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	3.80E-05	1.51E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	3.58E-05	1.42E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.65E-05	1.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.33E-05	1.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	2.13E-06	8.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.45E-09	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	1.96E-06	7.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.77E-09	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.39E-06	5.51E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-09	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	1.61E-06	6.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-09	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	5.34E-06	2.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	1.21E-06	4.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-09	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	1.05E-06	4.16E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	4.08E-06	1.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	3.98E-05	1.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	8.86E-06	3.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	2.05E-07	8.13E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.13E-10	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.53E-07	6.07E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-10	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.57E-07	1.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	2.72E-07	1.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	5.54E-07	2.20E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-09	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	7.25E-07	2.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-09	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	8.35E-07	3.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	6.36E-07	2.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	5.24E-07	2.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.38E-07	1.34E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.46E-07	1.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	2.53E-07	1.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-09	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	1.54E-06	6.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-09	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	3.03E-07	1.20E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	6.59E-07	2.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-09	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	1.07E-05	4.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-08	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	1.26E-06	5.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-09	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	1.23E-06	4.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-09	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	3.00E-06	1.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.36E-05	9.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	2.45E-06	9.71E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-09	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	2.10E-06	8.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.33E-09	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	5.68E-07	2.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	4.49E-07	1.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.91E-07	7.57E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-10	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	1.00E-06	3.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-09	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.47E-07	9.79E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.79E-10	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	4.34E-06	1.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	8.39E-07	3.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-09	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	2.14E-06	8.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-09	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	7.28E-07	2.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-09	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	1.04E-06	4.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.40E-05	5.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.40E-05	5.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.89E-06	7.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-09	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.33E-06	5.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.27E-09	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	7.36E-07	2.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-09	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	9.68E-07	3.84E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-09	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	7.79E-07	3.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	1.10E-06	4.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.32E-07	9.20E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.20E-10	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	7.19E-07	2.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-09	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	4.61E-07	1.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	6.09E-07	2.41E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-09	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	3.20E-07	1.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-09	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.78E-07	1.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	1.18E-06	4.68E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-09	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	6.76E-07	2.68E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-09	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-8.19E-07	-1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	-7.50E-09	-4.91E-11	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-4.03E-07	-5.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.43E-08	-3.69E-09	-2.42E-11	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	3.33E-07	4.80E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-08	3.05E-09	2.00E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	2.31E-07	3.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-08	2.12E-09	1.38E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	1.61E-07	2.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	1.47E-09	9.65E-12	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	1.04E-07	1.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	9.53E-10	6.24E-12	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	1.01E-07	1.45E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	9.25E-10	6.06E-12	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	4.71E-07	6.78E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-08	4.31E-09	2.82E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	2.85E-06	4.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-07	2.61E-08	1.71E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	2.11E-06	3.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-07	1.93E-08	1.27E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.51E-06	2.17E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-07	1.38E-08	9.05E-11	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.45E-06	2.09E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	1.33E-08	8.69E-11	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	2.01E-06	2.90E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	1.84E-08	1.21E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	4.07E-06	5.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.49E-07	3.73E-08	2.44E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	3.09E-06	4.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-07	2.83E-08	1.85E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	2.90E-06	4.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-07	2.66E-08	1.74E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	3.14E-06	4.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-07	2.88E-08	1.88E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	3.25E-06	4.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-07	2.98E-08	1.95E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	8.41E-06	1.21E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-06	7.70E-08	5.04E-10	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	4.86E-06	7.00E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-07	4.45E-08	2.91E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	6.02E-06	8.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-07	5.51E-08	3.61E-10	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	6.02E-06	8.67E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-07	5.51E-08	3.61E-10	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	1.73E-05	2.49E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-06	1.58E-07	1.04E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.12E-05	1.61E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-06	1.03E-07	6.71E-10	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.32E-05	1.90E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-06	1.21E-07	7.91E-10	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	1.68E-05	2.42E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-06	1.54E-07	1.01E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.21E-05	3.18E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-06	2.02E-07	1.32E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-1.02E-06	-1.47E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	-9.34E-09	-6.12E-11	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	9.94E-06	1.43E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-06	9.10E-08	5.96E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	1.10E-06	1.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	1.01E-08	6.59E-11	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-7.92E-07	-1.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	-7.25E-09	-4.75E-11	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-3.77E-06	-5.43E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-07	-3.45E-08	-2.26E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	2.07E-07	2.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-08	1.90E-09	1.24E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	1.27E-07	1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-08	1.16E-09	7.61E-12	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	1.57E-06	2.26E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	1.44E-08	9.41E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	6.46E-06	9.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-07	5.92E-08	3.87E-10	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	8.85E-06	1.27E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-06	8.11E-08	5.31E-10	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	6.35E-06	9.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-07	5.82E-08	3.81E-10	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	1.20E-05	1.73E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-06	1.10E-07	7.19E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-4.88E-06	-7.03E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-07	-4.47E-08	-2.93E-10	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	9.84E-08	1.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-08	9.01E-10	5.90E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	7.41E-08	1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.99E-09	6.79E-10	4.44E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	1.11E-07	1.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	1.02E-09	6.65E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.32E-07	1.90E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-08	1.21E-09	7.91E-12	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	2.25E-07	3.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	2.06E-09	1.35E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	2.76E-07	3.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-08	2.53E-09	1.65E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	3.20E-07	4.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-08	2.93E-09	1.92E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	2.62E-07	3.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-08	2.40E-09	1.57E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	1.72E-07	2.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	1.58E-09	1.03E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	1.45E-07	2.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	1.33E-09	8.69E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.55E-07	2.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-08	1.42E-09	9.29E-12	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	9.16E-08	1.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	8.39E-10	5.49E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	1.30E-07	1.87E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	1.19E-09	7.79E-12	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	1.22E-07	1.76E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	1.12E-09	7.31E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	2.78E-07	4.00E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-08	2.55E-09	1.67E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	7.81E-06	1.12E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	7.15E-08	4.68E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	4.03E-06	5.80E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-07	3.69E-08	2.42E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	8.96E-07	1.29E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	8.21E-09	5.37E-11	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-4.25E-06	-6.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.73E-07	-3.89E-08	-2.55E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	1.56E-06	2.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	1.43E-08	9.35E-11	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	9.99E-06	1.44E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-06	9.15E-08	5.99E-10	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	4.23E-06	6.09E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-07	3.87E-08	2.54E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	8.19E-07	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	7.50E-09	4.91E-11	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	8.18E-07	1.18E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	7.49E-09	4.90E-11	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	2.56E-07	3.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-08	2.34E-09	1.53E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	5.42E-07	7.81E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-08	4.96E-09	3.25E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	4.25E-07	6.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.73E-08	3.89E-09	2.55E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	4.93E-06	7.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.65E-07	4.52E-08	2.96E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	1.27E-05	1.83E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-06	1.16E-07	7.61E-10	0.00E+00
246	1650	-890	18540299	Cr(VI)	1.29E-05	1.86E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	1.18E-07	7.73E-10	0.00E+00
247	1430	215	18540299	Cr(VI)	1.18E-05	1.70E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	1.08E-07	7.07E-10	0.00E+00
248	1142	615	18540299	Cr(VI)	2.88E-06	4.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-07	2.64E-08	1.73E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	3.96E-06	5.70E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-07	3.63E-08	2.37E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	5.00E-06	7.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-07	4.58E-08	3.00E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	5.46E-06	7.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-07	5.00E-08	3.27E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	1.56E-06	2.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	1.43E-08	9.35E-11	0.00E+00
253	2575	-2650	18540299	Cr(VI)	7.19E-07	1.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.69E-08	6.59E-09	4.31E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.06E-06	1.53E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	9.71E-09	6.35E-11	0.00E+00
255	3480	-2025	18540299	Cr(VI)	8.41E-07	1.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	7.70E-09	5.04E-11	0.00E+00
256	2667	-1400	18540299	Cr(VI)	1.84E-06	2.65E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-07	1.69E-08	1.10E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	3.42E-07	4.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-08	3.13E-09	2.05E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	1.73E-06	2.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-07	1.58E-08	1.04E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	1.52E-06	2.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	1.39E-08	9.11E-11	0.00E+00
260	1577	291	18540299	Cr(VI)	2.63E-06	3.79E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-07	2.41E-08	1.58E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	6.84E-07	9.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-08	6.26E-09	4.10E-11	0.00E+00
262	2600	1290	18540299	Cr(VI)	3.61E-07	5.20E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-08	3.31E-09	2.16E-11	0.00E+00
263	900	935	18540299	Cr(VI)	2.69E-06	3.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-07	2.46E-08	1.61E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	7.20E-07	1.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-08	6.59E-09	4.32E-11	0.00E+00
265	-1710.89	-383.91	7439921	Lead	2.39E-05	4.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-10	3.72E-09	3.65E-11	9.93E-11
266	-1778.03	-291.29	7439921	Lead	2.31E-05	3.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	3.60E-09	3.53E-11	9.60E-11
267	-1732.28	175.05	7439921	Lead	2.01E-05	3.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-10	3.13E-09	3.07E-11	8.35E-11
268	-1579.43	347.93	7439921	Lead	1.58E-05	2.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-10	2.46E-09	2.42E-11	6.56E-11
269	-1525.43	516.64	7439921	Lead	1.20E-05	2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-10	1.87E-09	1.83E-11	4.98E-11
270	-1332.88	500.04	7439921	Lead	1.44E-05	2.48E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-10	2.24E-09	2.20E-11	5.98E-11
271	-1140.45	476.3	7439921	Lead	1.88E-05	3.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-10	2.93E-09	2.87E-11	7.81E-11
272	-672.12	353.55	7439921	Lead	5.55E-05	9.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-10	8.64E-09	8.48E-11	2.31E-10
273	-169.37	170.38	7439921	Lead	1.28E-04	2.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	1.99E-08	1.96E-10	5.32E-10
274	-75.04	299.11	7439921	Lead	9.06E-05	1.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	1.41E-08	1.39E-10	3.76E-10
275	49.15	527.2	7439921	Lead	5.75E-05	9.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-10	8.95E-09	8.79E-11	2.39E-10
276	144.22	648.15	7439921	Lead	4.70E-05	8.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-10	7.32E-09	7.19E-11	1.95E-10
277	394.15	623.31	7439921	Lead	4.41E-05	7.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-10	6.87E-09	6.74E-11	1.83E-10
278	501.62	717.12	7439921	Lead	3.93E-05	6.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-10	6.12E-09	6.01E-11	1.63E-10
279	618.47	665.12	7439921	Lead	3.66E-05	6.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-10	5.70E-09	5.60E-11	1.52E-10
280	755.45	579.13	7439921	Lead	3.39E-05	5.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-10	5.28E-09	5.18E-11	1.41E-10
281	867.79	485.41	7439921	Lead	3.17E-05	5.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-10	4.94E-09	4.85E-11	1.32E-10
282	955.03	377.6	7439921	Lead	0.0000297	5.12E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-10	4.62E-09	4.54E-11	1.23E-10
283	1331.68	-165.58	7439921	Lead	0.0000262	4.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-10	4.08E-09	4.01E-11	1.09E-10
284	1406.74	-290.13	7439921	Lead	0.0000238	4.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-10	3.71E-09	3.64E-11	9.89E-11
285	1456.2	-436.06	7439921	Lead	0.0000292	5.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-10	4.55E-09	4.46E-11	1.21E-10
286	1209.21	-528.32	7439921	Lead	0.0000534	9.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-10	8.31E-09	8.16E-11	2.22E-10
287	913.01	-694.67	7439921	Lead	0.00015	2.59E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	2.34E-08	2.29E-10	6.23E-10
288	717.24	-664.22	7439921	Lead	0.000251	4.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	3.91E-08	3.84E-10	1.04E-09
289	544.23	-594.35	7439921	Lead	0.000372	6.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-09	5.79E-08	5.69E-10	1.55E-09
290	338.12	-539.73	7439921	Lead	0.000517	8.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-09	8.05E-08	7.90E-10	2.15E-09
291	123.44	-529.45	7439921	Lead	0.000695	1.20E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-09	1.08E-07	1.06E-09	2.89E-09
292	-353.26	-515.05	7439921	Lead	0.000632	1.09E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-09	9.84E-08	9.66E-10	2.63E-09
293	-537.68	-487.8	7439921	Lead	0.000656	1.13E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-09	1.02E-07	1.00E-09	2.72E-09
294	-775.51	-486.07	7439921	Lead	0.00059	1.02E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-09	9.19E-08	9.02E-10	2.45E-09
295	-1414.44	-481.5	7439921	Lead	0.0000377	6.50E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-10	5.87E-09	5.76E-11	1.57E-10
296	-1515.21	-320.18	7439921	Lead	3.18E-05	5.49E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-10	4.95E-09	4.86E-11	1.32E-10
297	-1749.69	-63.9	7439921	Lead	2.51E-05	4.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-10	3.91E-09	3.84E-11	1.04E-10
298	-920.57	426.17	7439921	Lead	2.98E-05	5.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	4.64E-09	4.56E-11	1.24E-10
299	-420.73	233.87	7439921	Lead	9.74E-05	1.68E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	1.52E-08	1.49E-10	4.05E-10
300	1090.12	214.1	7439921	Lead	2.84E-05	4.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-10	4.42E-09	4.34E-11	1.18E-10
301	1183.39	65.17	7439921	Lead	2.82E-05	4.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-10	4.39E-09	4.31E-11	1.17E-10
302	1055.3	-577.42	7439921	Lead	8.22E-05	1.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.13E-10	1.28E-08	1.26E-10	3.41E-10
303	-103.02	-518.78	7439921	Lead	7.16E-04	1.24E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.95E-09	1.11E-07	1.09E-09	2.97E-09
304	-1076.39	-488.67	7439921	Lead	0.000153	2.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	2.38E-08	2.34E-10	6.36E-10
305	-4113.79	-1330.97	7439921	Lead	0.00000376	6.49E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-11	5.85E-10	5.75E-12	1.56E-11
306	-5050.04	-958.41	7439921	Lead	0.0000028	4.83E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-11	4.36E-10	4.28E-12	1.16E-11
307	-4023.97	-112.26	7439921	Lead	4.70E-06	8.11E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-11	7.32E-10	7.19E-12	1.95E-11
308	-2122.34	995.23	7439921	Lead	5.01E-06	8.64E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-11	7.80E-10	7.66E-12	2.08E-11
309	-2734.69	227.4	7439921	Lead	1.01E-05	1.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	1.57E-09	1.54E-11	4.20E-11
310	-2371.11	-69.21	7439921	Lead	1.32E-05	2.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-10	2.06E-09	2.02E-11	5.48E-11
311	-2146.26	177.17	7439921	Lead	1.52E-05	2.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	2.37E-09	2.32E-11	6.31E-11
312	-1919.02	445.07	7439921	Lead	1.17E-05	2.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-10	1.82E-09	1.79E-11	4.86E-11
313	-1651.12	607.72	7439921	Lead	9.64E-06	1.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	1.50E-09	1.47E-11	4.00E-11
314	-3361.39	677.09	7439921	Lead	6.16E-06	1.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-11	9.59E-10	9.42E-12	2.56E-11
315	-3026.51	724.93	7439921	Lead	6.32E-06	1.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-11	9.84E-10	9.66E-12	2.63E-11

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.67E-06	8.06E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-11	7.27E-10	7.14E-12	1.94E-11
317	-922.86	446.42	7439921	Lead	2.85E-05	4.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-10	4.44E-09	4.36E-11	1.18E-10
318	-1799.42	1088.51	7439921	Lead	5.58E-06	9.62E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-11	8.69E-10	8.53E-12	2.32E-11
319	-359.36	1846.44	7439921	Lead	1.21E-05	2.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	1.88E-09	1.85E-11	5.03E-11
320	671.3	-742.78	7439921	Lead	1.98E-04	3.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-09	3.08E-08	3.03E-10	8.22E-10
321	-1565.55	-932.22	7439921	Lead	2.67E-05	4.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-10	4.16E-09	4.08E-11	1.11E-10
322	-1733.02	-528.24	7439921	Lead	2.32E-05	4.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-10	3.61E-09	3.55E-11	9.64E-11
323	-1261.46	-507.67	7439921	Lead	4.96E-05	8.56E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-10	7.72E-09	7.58E-11	2.06E-10
324	-883.92	-503.26	7439921	Lead	0.000419	7.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-09	6.52E-08	6.41E-10	1.74E-09
325	1599.35	-1104.97	7439921	Lead	0.0000544	9.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-10	8.47E-09	8.32E-11	2.26E-10
326	1608.16	-1382.63	7439921	Lead	4.21E-05	7.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.67E-10	6.56E-09	6.44E-11	1.75E-10
327	3517.15	-1425.27	7439921	Lead	1.12E-05	1.93E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	1.74E-09	1.71E-11	4.65E-11
328	2959.77	-846.37	7439921	Lead	9.18E-06	1.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-10	1.43E-09	1.40E-11	3.81E-11
329	3479.67	224.81	7439921	Lead	0.00000373	6.43E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-11	5.81E-10	5.70E-12	1.55E-11
330	44.43	1469.76	7439921	Lead	0.0000186	3.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-10	2.90E-09	2.84E-11	7.73E-11
331	3044.83	-34	7439921	Lead	4.94E-06	8.52E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-11	7.69E-10	7.55E-12	2.05E-11
332	1088	-938	7439921	Lead	8.32E-05	1.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-10	1.30E-08	1.27E-10	3.46E-10
333	1647	-390	7439921	Lead	2.90E-05	5.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-10	4.52E-09	4.43E-11	1.20E-10
334	1650	-890	7439921	Lead	5.24E-05	9.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-10	8.16E-09	8.01E-11	2.18E-10
335	1430	215	7439921	Lead	2.54E-05	4.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-10	3.95E-09	3.88E-11	1.06E-10
336	1142	615	7439921	Lead	0.0000219	3.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-10	3.41E-09	3.35E-11	9.10E-11
337	-333	-788	7439921	Lead	0.000251	4.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-09	3.91E-08	3.84E-10	1.04E-09
338	-42	-825	7439921	Lead	0.000253	4.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-09	3.94E-08	3.87E-10	1.05E-09
339	1900	-1175	7439921	Lead	0.0000398	6.86E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-10	6.20E-09	6.08E-11	1.65E-10
340	1815	-1910	7439921	Lead	0.0000256	4.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-10	3.99E-09	3.91E-11	1.06E-10
341	2575	-2650	7439921	Lead	0.000014	2.41E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-10	2.18E-09	2.14E-11	5.82E-11
342	2665	-2025	7439921	Lead	0.0000186	3.21E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-10	2.90E-09	2.84E-11	7.73E-11
343	3480	-2025	7439921	Lead	0.0000149	2.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-10	2.32E-09	2.28E-11	6.19E-11
344	2667	-1400	7439921	Lead	0.0000218	3.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-10	3.39E-09	3.33E-11	9.06E-11
345	3400	-250	7439921	Lead	0.0000046	7.93E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-11	7.16E-10	7.03E-12	1.91E-11
346	2577	-940	7439921	Lead	0.0000151	2.60E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-10	2.35E-09	2.31E-11	6.27E-11
347	2404	-475	7439921	Lead	0.0000101	1.74E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	1.57E-09	1.54E-11	4.20E-11
348	1577	291	7439921	Lead	0.0000139	2.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	2.16E-09	2.13E-11	5.77E-11
349	2400	240	7439921	Lead	0.00000653	1.13E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-11	1.02E-09	9.98E-12	2.71E-11
350	2600	1290	7439921	Lead	0.00000541	9.33E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-11	8.42E-10	8.27E-12	2.25E-11
351	900	935	7439921	Lead	0.0000245	4.23E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	3.81E-09	3.75E-11	1.02E-10
352	1375	1395	7439921	Lead	0.000013	2.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	2.02E-09	1.99E-11	5.40E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000166	-3.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000103	-2.48E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	0.000000692	1.66E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.000000148	-3.56E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-11	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.0000003	-7.22E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.22E-11	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000215	-5.17E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.00000414	-9.96E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.96E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.00000456	-1.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000174	4.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000136	3.27E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000107	2.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000115	2.77E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000174	4.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.0000469	1.13E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000343	8.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000324	7.79E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000363	8.73E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.73E-09	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000385	9.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-09	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000111	2.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.0000607	1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.0000739	1.78E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.0000671	1.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00021	5.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000111	2.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000119	2.86E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000149	3.58E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000199	4.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000118	-2.84E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	0.0000338	8.13E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.13E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.0000791	-1.90E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000198	-4.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0000606	-1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.00000198	-4.76E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-10	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.00000545	-1.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	0.00000401	9.65E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.0000851	2.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	1.17E-04	2.81E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.0000677	1.63E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	0.0000548	1.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.0000931	-2.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.000000704	1.69E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000532	1.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000724	1.74E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.000000899	2.16E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000139	3.34E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.00000151	3.63E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-10	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000174	4.19E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-10	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.00000144	3.46E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	0.000000451	1.08E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000959	2.31E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000106	2.55E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	0.000000325	7.82E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.82E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.00000509	-1.22E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	0.000000606	1.46E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000157	3.78E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.0000746	1.79E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.0000509	1.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.00000689	1.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.0000685	-1.65E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.0000445	-1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000128	3.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.0000504	1.21E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000089	2.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.00000909	2.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000274	6.59E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.59E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000399	9.60E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.00000477	1.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.0000527	1.27E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000168	4.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000166	3.99E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000157	3.78E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000348	8.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-09	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	0.0000149	3.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.58E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000294	7.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.07E-09	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.0000679	1.63E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000168	4.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.00000727	1.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000111	2.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.00000873	2.10E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000211	5.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000369	8.88E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-10	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000203	4.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000186	4.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000332	7.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.00000797	1.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000391	9.41E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-10	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000289	6.95E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.00000727	1.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	0.00509	1.48E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	0.00614	1.79E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	0.00589	1.71E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	0.0042	1.22E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	0.00302	8.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.78E-07	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	0.00132	3.84E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	0.00000651	1.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	0.00891	2.59E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0638	1.86E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-05	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	0.0431	1.25E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-05	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	0.0239	6.95E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	0.018	5.23E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.00405	-1.18E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	0.0036	1.05E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	0.00653	1.90E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	0.00967	2.81E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	0.0111	3.23E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	0.0115	3.34E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0138	4.01E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0104	3.02E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-06	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	0.01	2.91E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	0.0221	6.43E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	0.0576	1.67E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	0.117	3.40E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.179	5.20E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-05	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.264	7.68E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.372	1.08E-04	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-04	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	0.299	8.69E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.69E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	0.279	8.11E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.11E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	0.229	6.66E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	0.0021	6.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-07	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.00153	-4.45E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-07	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	0.006	1.74E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	0.000973	2.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	0.0333	9.68E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	0.0109	3.17E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-06	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.014	4.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	0.036	1.05E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-05	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.378	1.10E-04	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-04	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	0.0522	1.52E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	0.0015	4.36E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	0.00117	3.40E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	0.00202	5.87E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	0.00209	6.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	0.00391	1.14E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	0.00507	1.47E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	0.00547	1.59E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	0.00447	1.30E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	0.00316	9.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	0.00244	7.10E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	0.00258	7.50E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	0.00145	4.22E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	0.00116	3.37E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	0.00184	5.35E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.35E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	0.00432	1.26E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0962	2.80E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-05	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	0.00596	1.73E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	0.00391	1.14E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	0.00745	2.17E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	0.159	4.62E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	0.0175	5.09E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	0.0159	4.62E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.62E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	0.00444	1.29E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	0.00373	1.08E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	0.00143	4.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	0.00693	2.02E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	0.00177	5.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	0.037	1.08E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-05	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	0.00422	1.23E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	0.0131	3.81E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	0.00225	6.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	0.00888	2.58E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	0.118	3.43E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.126	3.66E-05	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-05	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	0.014	4.07E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	0.0109	3.17E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	0.00585	1.70E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	0.00741	2.15E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	0.00552	1.61E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	0.00812	2.36E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	0.00165	4.80E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	0.00602	1.75E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	0.00339	9.86E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.86E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	0.00442	1.29E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	0.00231	6.72E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	0.00235	6.83E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	0.00792	2.30E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	0.00521	1.52E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.000417	6.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.0004	6.34E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.000514	8.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.000566	8.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.000513	8.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00161	2.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00211	3.35E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00148	2.35E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00219	3.47E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00146	2.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.000897	1.42E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.000705	1.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000469	7.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	0.0000864	1.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000301	4.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00043	6.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.000472	7.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.49E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00056	8.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00114	1.81E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00188	2.98E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.0032	5.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.00679	1.08E-06	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00256	4.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00293	4.65E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00322	5.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.11E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.0035	5.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.004	6.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00115	1.82E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.000841	1.33E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000248	3.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.00015	2.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00053	8.41E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.41E-08	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.000435	6.90E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.90E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00146	2.32E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00168	2.66E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000124	1.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.000495	7.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.85E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.00526	8.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.34E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00172	2.73E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000161	2.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.0000401	6.36E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000251	3.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000369	5.85E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.0000785	1.25E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000087	1.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000123	1.95E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000178	2.82E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000214	3.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000254	4.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.0000541	8.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.58E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.0000636	1.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000146	2.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00143	2.27E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000131	2.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000277	4.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00258	4.09E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000262	4.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.0000382	6.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-09	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00034	5.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.000559	8.87E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-08	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00123	1.95E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00094	1.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.000483	7.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.000495	7.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.85E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.0000928	1.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000349	5.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000138	2.19E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00224	3.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.000506	8.03E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00126	2.00E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000211	-3.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000336	5.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00127	2.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00154	2.44E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00121	1.92E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.000669	1.06E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.000393	6.23E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00056	8.88E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.000469	7.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.000776	1.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000149	2.36E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.000791	1.25E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.000451	7.15E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000347	5.50E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000158	2.51E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000135	2.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000324	5.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.00027	4.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00312	8.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00308	8.14E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0031	8.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.19E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00291	7.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.69E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00243	6.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.00536	1.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.00699	1.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00864	2.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0179	4.73E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.0125	3.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00777	2.05E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00619	1.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00499	1.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	0.00298	7.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.00362	9.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-09	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00384	1.02E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00372	9.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.83E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00376	9.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.94E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00418	1.11E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.00632	1.67E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.00991	2.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0214	5.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0173	4.57E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.03	7.93E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0426	1.13E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0581	1.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0777	2.05E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	1.13E-03	2.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	1.86E-04	4.92E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-1.61E-03	-4.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-8.56E-04	-2.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	5.19E-04	1.37E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	9.35E-04	2.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	3.42E-03	9.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	3.95E-03	1.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.000626	-1.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	5.37E-04	1.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	1.25E-02	3.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	2.74E-03	7.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00143	-3.78E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	8.72E-05	2.31E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.0000535	1.41E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.0000786	2.08E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000174	4.60E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.00019	5.02E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000257	6.79E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.79E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.000396	1.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.000495	1.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.000584	1.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000121	3.20E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000143	3.78E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	3.35E-04	8.86E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00334	8.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	2.98E-04	7.88E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.88E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00063	1.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.00584	1.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000255	6.74E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.000551	-1.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000385	-1.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000209	-5.52E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00236	6.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.24E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.0019	5.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00115	3.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00117	3.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00021	5.55E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.000778	2.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000307	8.12E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.00519	1.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.00012	3.17E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00186	4.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00163	-4.31E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.000557	1.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00264	6.98E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00342	9.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-09	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00269	7.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00153	4.04E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.000914	2.42E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00131	3.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.0011	2.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00182	4.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00034	8.99E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00186	4.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00101	2.67E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.000625	1.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000333	8.80E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.80E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000309	8.17E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.000608	1.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.000613	1.62E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.00357	-9.44E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.44E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00216	-5.71E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.71E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.000258	-6.82E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.82E-09	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.000312	-8.25E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-09	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.000299	-7.90E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.90E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	0.0000952	2.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.000173	-4.57E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.57E-09	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00132	-3.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	0.00331	8.75E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.75E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	0.00166	4.39E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.0000813	-2.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-09	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00105	-2.78E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.78E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.00437	-1.16E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.00918	-2.43E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.00583	-1.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.00406	-1.07E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0039	-1.03E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.00345	-9.12E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.12E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.00614	-1.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0042	-1.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.00617	-1.63E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00155	-4.10E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.10E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0212	-5.60E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.60E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0135	-3.57E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.57E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0125	-3.30E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.30E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.00943	-2.49E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	0.00203	5.37E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-08	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0211	-5.58E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.58E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0234	-6.19E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.19E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0279	-7.38E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.38E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0156	-4.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.00997	-2.64E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00169	-4.47E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.47E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-2.18E-03	-5.76E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.76E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-2.10E-03	-5.55E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-1.19E-02	-3.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-8.64E-03	-2.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-5.08E-03	-1.34E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-1.82E-02	-4.81E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-2.31E-02	-6.11E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-1.38E-04	-3.65E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-9.97E-05	-2.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-1.51E-04	-3.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-2.32E-04	-6.13E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.13E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-2.98E-04	-7.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.88E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-5.77E-04	-1.53E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-5.01E-04	-1.32E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-3.77E-04	-9.97E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.97E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-5.12E-04	-1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-1.42E-04	-3.75E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-1.57E-04	-4.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.15E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-2.80E-04	-7.40E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.40E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-2.05E-03	-5.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-3.09E-04	-8.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-6.12E-04	-1.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-6.11E-03	-1.62E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-4.94E-03	-1.31E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-8.22E-03	-2.17E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-1.56E-02	-4.12E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-1.98E-02	-5.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-8.36E-03	-2.21E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-5.19E-03	-1.37E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-4.70E-04	-1.24E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-5.51E-04	-1.46E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-2.25E-04	-5.95E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.95E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-1.00E-03	-2.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-4.08E-04	-1.08E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-3.82E-03	-1.01E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-1.43E-02	-3.78E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-1.57E-02	-4.15E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.15E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-1.41E-02	-3.73E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-3.39E-03	-8.96E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.96E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-5.86E-03	-1.55E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-4.30E-03	-1.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-3.52E-03	-9.30E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.30E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-1.40E-03	-3.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-6.41E-04	-1.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-8.65E-04	-2.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-5.92E-04	-1.56E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-1.08E-03	-2.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.85E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-3.27E-04	-8.64E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-9.94E-04	-2.63E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-1.28E-03	-3.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.38E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-2.88E-03	-7.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.61E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-6.94E-04	-1.83E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-2.81E-04	-7.43E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.43E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-2.38E-03	-6.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.29E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-6.11E-04	-1.62E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-1.25E-03	-2.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-8.20E-04	-1.89E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-2.55E-04	-5.86E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.86E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-2.68E-04	-6.16E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.16E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-2.39E-04	-5.50E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-3.43E-04	-7.89E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.89E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-5.39E-04	-1.24E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-8.95E-04	-2.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	5.94E-05	1.37E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.48E-04	-3.40E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-4.29E-04	-9.87E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.87E-10	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-6.39E-04	-1.47E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00157	-3.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.61E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00291	-6.69E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00194	-4.46E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.46E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00143	-3.29E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00138	-3.17E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00125	-2.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00214	-4.92E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00171	-3.93E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.93E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00258	-5.93E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.93E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00199	-4.58E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.58E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.00739	-1.70E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.00561	-1.29E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.00586	-1.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.00558	-1.28E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.00296	-6.81E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.81E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.00671	-1.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.00737	-1.69E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.00855	-1.97E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.00472	-1.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.0031	-7.13E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.13E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.000598	-1.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.000948	-2.18E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.18E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.000984	-2.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00359	-8.26E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.26E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00269	-6.19E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.19E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00257	-5.91E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.00601	-1.38E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.00701	-1.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.0000503	-1.16E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000355	-8.16E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.16E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.0000536	-1.23E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.0000862	-1.98E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000109	-2.51E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000201	-4.62E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000189	-4.35E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.35E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000158	-3.63E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000206	-4.74E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.74E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.0000548	-1.26E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.0000612	-1.41E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000114	-2.62E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-9.01E-04	-2.07E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-1.20E-04	-2.76E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-2.41E-04	-5.54E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.54E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-2.39E-03	-5.50E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00154	-3.54E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00248	-5.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.70E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.00475	-1.09E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.00616	-1.42E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00276	-6.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.35E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-1.75E-03	-4.02E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-2.38E-04	-5.47E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000264	-6.07E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.07E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.0000865	-1.99E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.99E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000373	-8.58E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.58E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000151	-3.47E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00161	-3.70E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0044	-1.01E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.00495	-1.14E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.0042	-9.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.66E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00109	-2.51E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00207	-4.76E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00166	-3.82E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0013	-2.99E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.000558	-1.28E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000273	-6.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.28E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000374	-8.60E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.60E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000273	-6.28E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.28E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-4.81E-04	-1.11E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-1.28E-04	-2.94E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.000456	-1.05E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.000476	-1.09E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.000936	-2.15E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-2.40E-04	-5.52E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-1.12E-04	-2.58E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-7.82E-04	-1.80E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000239	-5.50E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00728	4.04E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00709	3.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00731	4.06E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00706	3.92E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00599	3.33E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0143	7.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.94E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0187	1.04E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0205	1.14E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0401	2.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0278	1.54E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0173	9.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0138	7.66E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.0111	6.16E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	0.00649	3.60E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00808	4.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00874	4.85E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00859	4.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00885	4.91E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.12E-02	6.22E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0171	9.49E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.49E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0273	1.52E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.0582	3.23E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.10E-02	2.28E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0663	3.68E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	9.16E-02	5.08E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	1.22E-01	6.77E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.77E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.161	8.94E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.94E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.00603	3.35E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00357	1.98E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00115	-6.38E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.000541	-3.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00278	1.54E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00296	1.64E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0103	5.72E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0119	6.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000337	-1.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00266	1.48E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0373	2.07E-07	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0104	5.77E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00125	-6.94E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.94E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000274	1.52E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.00017	9.44E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-10	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.00025	1.39E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	5.41E-04	3.00E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.000594	3.30E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.000827	4.59E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00123	6.83E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.0015	8.33E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.33E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00178	9.88E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.88E-09	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	3.74E-04	2.08E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.000441	2.45E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00102	5.66E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0101	5.61E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.61E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.000912	5.06E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00193	1.07E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0179	9.94E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.94E-08	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00137	7.61E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.61E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.000577	-3.20E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.000835	4.6353E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6353E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00193	1.0714E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0714E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.00797	4.4243E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4243E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.00622	3.4529E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4529E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00342	1.8985E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8985E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0035	1.9429E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9429E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.000644	3.575E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.575E-09	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00241	1.3378E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3378E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.000951	5.2792E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2792E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0157	8.7154E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7154E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00216	1.1991E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1991E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.00744	4.1301E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1301E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00298	-1.6543E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6543E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00206	1.1436E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1436E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.00849	4.713E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.713E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0106	5.8843E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8843E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.00834	4.6297E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6297E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.00466	2.5869E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5869E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00276	1.5321E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5321E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.00394	2.1872E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1872E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00331	1.8375E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8375E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.00547	3.0365E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0365E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00104	5.7733E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7733E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.00559	3.1031E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1031E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00311	1.7264E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7264E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.0022	1.2213E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2213E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00106	5.8843E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8843E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.000943	5.2348E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2348E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00208	1.1547E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1547E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00188	1.0436E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0436E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.000394	3.6453E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6453E-10	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.000379	3.5065E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5065E-10	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.000318	2.9422E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9422E-10	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.000248	2.2945E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2945E-10	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.000184	1.7024E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7024E-10	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.000216	1.9984E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9984E-10	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.000277	2.5628E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5628E-10	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.000799	7.3924E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3924E-10	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.0021	1.9429E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9429E-09	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.00149	1.3786E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3786E-09	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.00094	8.6969E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6969E-10	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.000765	7.0778E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0778E-10	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000708	6.5504E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5504E-10	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.000589	5.4495E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4495E-10	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.000563	5.2089E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2089E-10	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.000524	4.8481E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8481E-10	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.000482	4.4595E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4595E-10	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.000444	4.1079E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1079E-10	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.000286	2.6461E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6461E-10	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.000296	2.7386E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7386E-10	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.000357	3.303E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.303E-10	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.000751	6.9483E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9483E-10	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.00227	2.1002E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1002E-09	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.00418	3.8674E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8674E-09	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.00628	5.8103E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8103E-09	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.00879	8.1325E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1325E-09	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.0118	1.0917E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0917E-08	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0109	1.0085E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0085E-08	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.0107	9.8997E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8997E-09	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.00911	8.4286E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4286E-09	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.000593	5.4865E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4865E-10	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.000561	5.1904E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1904E-10	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.000402	3.7193E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7193E-10	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.000441	4.0802E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0802E-10	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.00148	1.3693E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3693E-09	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000367	3.3955E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3955E-10	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.000318	2.9422E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9422E-10	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.00126	1.1658E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1658E-09	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0123	1.138E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.138E-08	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.00254	2.35E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-09	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.0000583	5.3939E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3939E-11	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.0000447	4.1357E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1357E-11	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.0000767	7.0963E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0963E-11	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.0000786	7.2721E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2721E-11	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.000162	1.4988E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4988E-10	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.000214	1.9799E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9799E-10	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.000243	2.2482E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2482E-10	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.000186	1.7209E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7209E-10	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.00015	1.3878E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3878E-10	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.0000986	9.1225E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1225E-11	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.000102	9.4371E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4371E-11	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.0000725	6.7077E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7077E-11	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.000424	3.9229E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9229E-10	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.0000836	7.7347E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7347E-11	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.000194	1.7949E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7949E-10	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.00331	3.0624E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0624E-09	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.000357	3.303E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.303E-10	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.000349	3.229E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.229E-10	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.000829	7.6699E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6699E-10	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.00643	5.9491E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9491E-09	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.00075	6.939E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.939E-10	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.000637	5.8936E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8936E-10	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.000172	1.5914E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5914E-10	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.000134	1.2398E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2398E-10	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.0000558	5.1626E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1626E-11	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0003	2.7756E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7756E-10	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.0000725	6.7077E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7077E-11	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.00133	1.2305E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2305E-09	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.000253	2.3408E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3408E-10	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.000656	6.0693E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0693E-10	0	0	0
1039	1430	215	75092	Methylene Chlor	0.000219	2.0262E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0262E-10	0	0	0
1040	1142	615	75092	Methylene Chlor	0.000319	2.9514E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9514E-10	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.00421	3.8951E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8951E-09	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.00427	3.9506E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9506E-09	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.000579	5.3569E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3569E-10	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.000403	3.7286E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7286E-10	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000221	2.0447E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0447E-10	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.000292	2.7016E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7016E-10	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.000236	2.1835E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1835E-10	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.000335	3.0994E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0994E-10	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.0000678	6.2729E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2729E-11	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.000218	2.0169E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0169E-10	0	0	0

Alternative 4 RAST Output 30 Year Resident 00-02 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.000137	1.2675E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2675E-10	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000183	1.6931E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6931E-10	0	0	0
1053	2400	240	75092	Methylene Chlor	0.0000942	8.7154E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7154E-11	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.0000836	7.7347E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7347E-11	0	0	0
1055	900	935	75092	Methylene Chlor	0.000358	3.3122E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3122E-10	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000203	1.8782E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8782E-10	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000228	-7.2325E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2325E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000118	-3.7431E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7431E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.0000689	2.1856E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1856E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.0000828	2.6265E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6265E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.0000777	2.4647E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4647E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.000369	1.1705E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1705E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.000461	1.4624E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4624E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000158	5.012E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.012E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.000564	1.7891E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7891E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000322	1.0214E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0214E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000106	3.3625E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3625E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	0.00000203	6.4394E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4394E-11	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000313	-9.9288E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.9288E-09	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.000776	-2.4616E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4616E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.000454	-1.4401E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4401E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000278	-8.8185E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.8185E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.00025	-7.9303E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.9303E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00019	-6.027E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.027E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000249	-7.8986E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.8986E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.0000817	2.5916E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5916E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000234	7.4228E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4228E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00142	4.5044E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5044E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00131	-4.1555E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1555E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.000815	-2.5853E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5853E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.000887	-2.8137E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8137E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.000844	-2.6773E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6773E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.000137	-4.3458E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3458E-09	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00145	-4.5996E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5996E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00171	-5.4243E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4243E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.0022	-6.9787E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.9787E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00121	-3.8383E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8383E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.000669	-2.1222E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1222E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.0000313	-9.9288E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.9288E-10	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000177	5.6147E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6147E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000232	7.3593E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3593E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.000918	-2.912E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.912E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00057	-1.8081E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8081E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.000858	2.7217E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7217E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00109	-3.4576E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4576E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00182	-5.7733E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.7733E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000162	-5.1389E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1389E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000209	-6.6298E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.6298E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000341	-1.0817E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0817E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000138	4.3775E-12	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3775E-12	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000346	-1.0976E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0976E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000171	-5.4243E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.4243E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000196	6.2174E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2174E-11	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000207	6.5663E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5663E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000199	6.3125E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3125E-10	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000128	4.0603E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0603E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000239	7.5814E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5814E-11	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000126	3.9969E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9969E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.00018	5.7098E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7098E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.00000671	2.1285E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1285E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000172	5.4561E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4561E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000122	3.87E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000332	-1.0531E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0531E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.000647	-2.0524E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0524E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00116	-3.6797E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6797E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00147	-4.663E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.663E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000373	-1.1832E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1832E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.00019	-6.027E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.027E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.0000783	2.4838E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4838E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000075	2.3791E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3791E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.00000424	1.345E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.345E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000334	1.0595E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0595E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.000000508	1.6114E-11	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6114E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.00023	7.2959E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2959E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00102	-3.2356E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2356E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.000947	-3.004E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.004E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00118	-3.7431E-08	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7431E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000191	-6.0588E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.0588E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000179	-5.6781E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6781E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000102	3.2356E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2356E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.00000918	2.912E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.912E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.0000478	1.5163E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5163E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.0000429	1.3608E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3608E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000065	2.0619E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0619E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.0000649	2.0587E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0587E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.0000997	3.1626E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1626E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.00000961	3.0484E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0484E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000111	3.5211E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5211E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.00000585	1.8557E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8557E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000147	-4.663E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.663E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000176	-5.5829E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5829E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000099	3.1404E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1404E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000113	-3.5845E-09	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5845E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000155	4.9168E-10	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9168E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.00927	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.00606	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.000901	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	-0.00108	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	-0.000896	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.00196	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.00318	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.00513	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.0029	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.0023	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00175	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:22:14 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-02_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00215	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00118	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0139	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0097	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0098	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0122	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0138	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.0454	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0237	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0273	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0236	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.0785	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0328	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0309	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.0392	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.0593	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.0805	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0139	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.0595	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0126	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0302	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	-0.00241	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.00449	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00271	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.0367	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.0485	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0228	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	-0.00482	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.0453	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000135	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.0000973	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.0000991	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00011	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00013	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	0.0000176	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	0.00000306	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	-0.00000539	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	-0.000382	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.00013	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000156	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	-0.000133	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.00422	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	-0.0000631	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	0.0000316	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0235	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0195	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	-0.000193	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0312	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0354	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.0509	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0189	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00314	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.00321	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.000859	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00063	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00157	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0186	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.0653	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.0629	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.062	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0124	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	-0.00331	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0034	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0265	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.00591	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00243	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.00386	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00302	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.00782	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00118	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.00761	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.00698	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0126	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00271	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00136	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.00494	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00211	0	2YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-3.07E-07	-6.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-09	-4.45E-09	-6.49E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.03E-07	-4.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.68E-10	-2.94E-09	-4.29E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	5.25E-09	1.07E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-11	7.61E-11	1.11E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-5.86E-09	-1.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-11	-8.49E-11	-1.24E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-5.20E-09	-1.06E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-11	-7.54E-11	-1.10E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-3.33E-08	-6.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-10	-4.83E-10	-7.04E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-6.90E-08	-1.41E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.61E-10	-1.00E-09	-1.46E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-5.31E-08	-1.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-10	-7.70E-10	-1.12E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	1.03E-07	2.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-10	1.49E-09	2.18E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	1.11E-07	2.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	1.61E-09	2.35E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.38E-07	2.81E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-10	2.00E-09	2.92E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	1.84E-07	3.75E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-10	2.67E-09	3.89E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	4.53E-07	9.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-09	6.57E-09	9.57E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.06E-06	2.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-09	1.54E-08	2.24E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	7.64E-07	1.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-09	1.11E-08	1.61E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	6.94E-07	1.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-09	1.01E-08	1.47E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	7.51E-07	1.53E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-09	1.09E-08	1.59E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	7.72E-07	1.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-09	1.12E-08	1.63E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.21E-06	4.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-09	3.20E-08	4.67E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.23E-06	2.51E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-09	1.78E-08	2.60E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.56E-06	3.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-09	2.26E-08	3.30E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.37E-06	2.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.18E-09	1.99E-08	2.89E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	4.11E-06	8.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-08	5.96E-08	8.68E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	1.86E-06	3.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-09	2.70E-08	3.93E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	1.76E-06	3.59E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-09	2.55E-08	3.72E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	1.97E-06	4.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-09	2.86E-08	4.16E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.36E-06	4.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-09	3.42E-08	4.99E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-3.34E-06	-6.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-08	-4.84E-08	-7.06E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-1.70E-07	-3.47E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.43E-10	-2.46E-09	-3.59E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-1.83E-06	-3.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.92E-09	-2.65E-08	-3.87E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-3.11E-07	-6.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-09	-4.51E-09	-6.57E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.12E-06	-2.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-09	-1.62E-08	-2.37E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-4.70E-08	-9.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-10	-6.81E-10	-9.93E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-8.34E-08	-1.70E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.16E-10	-1.21E-09	-1.76E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	3.26E-08	6.65E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-10	4.73E-10	6.89E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.59E-06	3.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-09	2.30E-08	3.36E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	2.31E-06	4.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-09	3.35E-08	4.88E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.31E-06	2.67E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-09	1.90E-08	2.77E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-4.53E-07	-9.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-09	-6.57E-09	-9.57E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.05E-06	-4.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.76E-09	-2.97E-08	-4.33E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.08E-08	2.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-11	1.57E-10	2.28E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	7.39E-09	1.51E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-11	1.07E-10	1.56E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	7.79E-09	1.59E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-11	1.13E-10	1.65E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.49E-08	3.04E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-11	2.16E-10	3.15E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	1.62E-08	3.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-11	2.35E-10	3.42E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	1.48E-08	3.02E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-11	2.15E-10	3.13E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	2.00E-08	4.08E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-11	2.90E-10	4.23E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.88E-08	3.83E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-11	2.73E-10	3.97E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	6.61E-09	1.35E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-11	9.58E-11	1.40E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	1.19E-08	2.43E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-11	1.72E-10	2.51E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.36E-08	2.77E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-11	1.97E-10	2.87E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	4.76E-09	9.71E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-11	6.90E-11	1.01E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-7.95E-08	-1.62E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-10	-1.15E-09	-1.68E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	1.25E-08	2.55E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-11	1.81E-10	2.64E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	2.03E-08	4.14E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-11	2.94E-10	4.29E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.09E-06	2.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	1.58E-08	2.30E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.03E-06	2.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	1.49E-08	2.18E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.08E-07	4.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-10	3.02E-09	4.39E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.40E-06	-2.85E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.30E-09	-2.03E-08	-2.96E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-1.13E-06	-2.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-09	-1.64E-08	-2.39E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.52E-06	5.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.54E-09	3.65E-08	5.32E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	9.73E-07	1.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-09	1.41E-08	2.06E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	1.67E-07	3.41E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-10	2.42E-09	3.53E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	1.80E-07	3.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.81E-10	2.61E-09	3.80E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	5.67E-08	1.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	8.22E-10	1.20E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.30E-08	1.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	9.13E-10	1.33E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	9.96E-08	2.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-10	1.44E-09	2.10E-10	0.00E+00
68	1088	-938	7440382	Arsenic	9.12E-07	1.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-09	1.32E-08	1.93E-09	0.00E+00
69	1647	-390	7440382	Arsenic	3.54E-06	7.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	5.13E-08	7.48E-09	0.00E+00
70	1650	-890	7440382	Arsenic	3.45E-06	7.04E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	5.00E-08	7.29E-09	0.00E+00
71	1430	215	7440382	Arsenic	3.27E-06	6.67E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	4.74E-08	6.91E-09	0.00E+00
72	1142	615	7440382	Arsenic	7.20E-07	1.47E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-09	1.04E-08	1.52E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-1.74E-07	-3.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-10	-2.52E-09	-3.68E-10	0.00E+00
74	-42	-825	7440382	Arsenic	4.70E-08	9.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-10	6.81E-10	9.93E-11	0.00E+00
75	1900	-1175	7440382	Arsenic	1.32E-06	2.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-09	1.91E-08	2.79E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	2.99E-07	6.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	4.33E-09	6.32E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.26E-07	2.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-10	1.83E-09	2.66E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	1.95E-07	3.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-10	2.83E-09	4.12E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.53E-07	3.12E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-10	2.22E-09	3.23E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	3.94E-07	8.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-09	5.71E-09	8.32E-10	0.00E+00
81	3400	-250	7440382	Arsenic	7.65E-08	1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-10	1.11E-09	1.62E-10	0.00E+00
82	2577	-940	7440382	Arsenic	4.01E-07	8.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	5.81E-09	8.47E-10	0.00E+00
83	2404	-475	7440382	Arsenic	3.79E-07	7.73E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	5.49E-09	8.01E-10	0.00E+00
84	1577	291	7440382	Arsenic	6.84E-07	1.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	9.91E-09	1.45E-09	0.00E+00
85	2400	240	7440382	Arsenic	1.68E-07	3.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.36E-10	2.44E-09	3.55E-10	0.00E+00
86	2600	1290	7440382	Arsenic	7.26E-08	1.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	1.05E-09	1.53E-10	0.00E+00
87	900	935	7440382	Arsenic	8.04E-07	1.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-09	1.17E-08	1.70E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.43E-07	2.92E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-10	2.07E-09	3.02E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	4.50E-08	2.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-10	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	3.76E-08	1.78E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-10	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	3.29E-08	1.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-10	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	2.62E-08	1.24E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-10	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	2.46E-08	1.16E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	3.35E-08	1.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	3.90E-08	1.84E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-10	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	1.98E-07	9.36E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-10	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	1.17E-07	5.53E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-10	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	8.25E-08	3.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	5.42E-08	2.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	4.23E-08	2.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	2.90E-08	1.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	2.49E-08	1.18E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.95E-08	9.22E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-11	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.44E-08	6.81E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.81E-11	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.24E-08	5.86E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-11	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.26E-08	5.96E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-11	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	1.48E-08	7.00E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-11	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	1.52E-08	7.19E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-11	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	1.61E-08	7.61E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.61E-11	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	2.09E-08	9.89E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-11	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	3.54E-08	1.67E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-10	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	4.66E-08	2.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	5.86E-08	2.77E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-10	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	8.45E-08	4.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-10	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	1.39E-07	6.57E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-10	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	4.67E-07	2.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	9.65E-07	4.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	1.67E-06	7.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	9.28E-08	4.39E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	6.57E-08	3.11E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-10	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	4.23E-08	2.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	7.88E-08	3.73E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	2.45E-07	1.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	1.43E-08	6.76E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-11	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	1.51E-08	7.14E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-11	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	2.57E-08	1.22E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	2.41E-07	1.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	3.03E-07	1.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	7.47E-09	3.53E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	3.90E-09	1.84E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	5.24E-09	2.48E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	8.52E-09	4.03E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.03E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	1.49E-08	7.05E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-11	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	1.73E-08	8.18E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-11	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	2.37E-08	1.12E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	1.67E-08	7.90E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-11	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	1.85E-08	8.75E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.75E-11	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	8.97E-09	4.24E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	8.19E-09	3.87E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	8.25E-09	3.90E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	7.34E-08	3.47E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	1.43E-08	6.76E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.76E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	1.62E-08	7.66E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-11	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	5.46E-08	2.58E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-10	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	4.72E-08	2.23E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	4.76E-08	2.25E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-10	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	1.40E-07	6.62E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	1.22E-06	5.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	2.30E-08	1.09E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	2.60E-08	1.23E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	8.08E-09	3.82E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	8.64E-09	4.09E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	5.52E-09	2.61E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	1.84E-08	8.70E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-11	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	6.52E-09	3.08E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.54E-08	1.67E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	1.38E-08	6.53E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-11	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.83E-08	8.66E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.66E-11	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	1.20E-08	5.68E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-11	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	9.47E-09	4.48E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-11	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	2.10E-07	9.93E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.93E-10	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.48E-07	7.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-10	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.85E-08	8.75E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.75E-11	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.98E-08	9.36E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-11	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	1.20E-08	5.68E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-11	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	1.53E-08	7.24E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-11	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	1.11E-08	5.25E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-11	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	1.25E-08	5.91E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-11	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	6.24E-09	2.95E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	1.03E-08	4.87E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-11	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	9.64E-09	4.56E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	1.05E-08	4.97E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-11	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	7.74E-09	3.66E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	4.12E-09	1.95E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	1.52E-08	7.19E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-11	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	1.10E-08	5.20E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-11	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.06E-06	-5.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-07	-1.48E-08	-7.18E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.02E-06	-3.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-07	-9.76E-09	-4.74E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	-1.06E-07	-1.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	-5.12E-10	-2.49E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	-1.53E-07	-2.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-08	-7.39E-10	-3.59E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	-1.46E-07	-2.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-08	-7.05E-10	-3.43E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-3.80E-07	-6.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-08	-1.84E-09	-8.92E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-5.59E-07	-9.27E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.99E-08	-2.70E-09	-1.31E-10	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.33E-06	-2.21E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-07	-6.43E-09	-3.12E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.02E-06	1.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	4.93E-09	2.39E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	9.33E-07	1.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	4.51E-09	2.19E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.02E-06	1.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	4.93E-09	2.39E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.36E-06	2.26E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	6.57E-09	3.19E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	2.86E-06	4.74E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-07	1.38E-08	6.71E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	8.07E-06	1.34E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	3.90E-08	1.89E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	5.83E-06	9.67E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.38E-07	2.82E-08	1.37E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	5.48E-06	9.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.81E-07	2.65E-08	1.29E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	6.16E-06	1.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.91E-07	2.98E-08	1.45E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	6.53E-06	1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	3.16E-08	1.53E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	1.92E-05	3.18E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-06	9.28E-08	4.51E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.07E-05	1.77E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	5.17E-08	2.51E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.33E-05	2.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-06	6.43E-08	3.12E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.23E-05	2.04E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-06	5.94E-08	2.89E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	3.50E-05	5.81E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-06	1.69E-07	8.22E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.56E-05	2.59E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-06	7.54E-08	3.66E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.46E-05	2.42E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-06	7.05E-08	3.43E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	1.66E-05	2.75E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-06	8.02E-08	3.90E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.10E-05	3.48E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-06	1.01E-07	4.93E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.19E-05	-5.29E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-06	-1.54E-07	-7.49E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.26E-06	-1.04E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-06	-3.02E-08	-1.47E-09	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.43E-05	-4.03E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-06	-1.17E-07	-5.70E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.61E-06	-5.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-07	-1.74E-08	-8.47E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.06E-05	-1.76E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-06	-5.12E-08	-2.49E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-6.41E-07	-1.06E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-07	-3.10E-09	-1.50E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.00E-06	-1.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-07	-4.83E-09	-2.35E-10	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-6.03E-07	-1.00E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.70E-08	-2.91E-09	-1.42E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.43E-05	2.37E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-06	6.91E-08	3.36E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.02E-05	3.35E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-06	9.76E-08	4.74E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.17E-05	1.94E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-06	5.65E-08	2.75E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-4.31E-06	-7.15E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.93E-07	-2.08E-08	-1.01E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-1.88E-05	-3.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-06	-9.08E-08	-4.41E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	6.71E-08	1.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	3.24E-10	1.58E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	5.12E-08	8.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.23E-09	2.47E-10	1.20E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	5.18E-08	8.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.33E-09	2.50E-10	1.22E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	9.28E-08	1.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	4.48E-10	2.18E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	8.16E-08	1.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	3.94E-10	1.92E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	6.21E-08	1.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.99E-09	3.00E-10	1.46E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	7.82E-08	1.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	3.78E-10	1.84E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.03E-07	1.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	4.98E-10	2.42E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	-2.01E-08	-3.33E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.23E-09	-9.71E-11	-4.72E-12	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	6.82E-08	1.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	3.30E-10	1.60E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	8.54E-08	1.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	4.13E-10	2.00E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.16E-08	1.92E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	5.60E-11	2.72E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-9.37E-07	-1.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-07	-4.53E-09	-2.20E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	4.35E-08	7.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-09	2.10E-10	1.02E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	1.22E-07	2.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	5.89E-10	2.86E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	9.72E-06	1.61E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-06	4.70E-08	2.28E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	8.56E-06	1.42E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-06	4.14E-08	2.01E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.13E-06	1.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	5.46E-09	2.65E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.25E-05	-2.07E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-06	-6.04E-08	-2.93E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.53E-05	-2.54E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-06	-7.39E-08	-3.59E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.17E-05	3.60E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-06	1.05E-07	5.09E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	8.33E-06	1.38E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-06	4.02E-08	1.96E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.48E-06	2.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	7.15E-09	3.47E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	1.58E-06	2.62E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-07	7.63E-09	3.71E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	4.51E-07	7.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.25E-08	2.18E-09	1.06E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	4.64E-07	7.70E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-08	2.24E-09	1.09E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	8.07E-07	1.34E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	3.90E-09	1.89E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	8.12E-06	1.35E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-06	3.92E-08	1.91E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	2.96E-05	4.91E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-06	1.43E-07	6.95E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	2.88E-05	4.78E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-06	1.39E-07	6.76E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	2.74E-05	4.55E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-06	1.32E-07	6.43E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	5.97E-06	9.90E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-07	2.88E-08	1.40E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-2.07E-06	-3.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-07	-1.00E-08	-4.86E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.41E-07	5.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-08	1.65E-09	8.01E-11	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.14E-05	1.89E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-06	5.51E-08	2.68E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	2.61E-06	4.33E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-07	1.26E-08	6.13E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.10E-06	1.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	5.31E-09	2.58E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.72E-06	2.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-07	8.31E-09	4.04E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.36E-06	2.26E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	6.57E-09	3.19E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	3.46E-06	5.74E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-07	1.67E-08	8.12E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	6.23E-07	1.03E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	3.01E-09	1.46E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	3.51E-06	5.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-07	1.70E-08	8.24E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	3.24E-06	5.37E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-07	1.57E-08	7.61E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	5.74E-06	9.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.23E-07	2.77E-08	1.35E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.36E-06	2.26E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-07	6.57E-09	3.19E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	6.30E-07	1.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	3.04E-09	1.48E-10	0.00E+00
263	900	935	18540299	Cr(VI)	5.42E-06	8.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-07	2.62E-08	1.27E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.16E-06	1.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	5.60E-09	2.72E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-9.34E-07	-9.86E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-11	-7.67E-11	-5.59E-12	-3.88E-12
266	-1778.03	-291.29	7439921	Lead	-2.85E-07	-3.01E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-12	-2.34E-11	-1.71E-12	-1.18E-12
267	-1732.28	175.05	7439921	Lead	1.42E-06	1.50E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-11	1.17E-10	8.50E-12	5.90E-12
268	-1579.43	347.93	7439921	Lead	1.36E-06	1.44E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-11	1.12E-10	8.14E-12	5.65E-12
269	-1525.43	516.64	7439921	Lead	1.09E-06	1.15E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-11	8.95E-11	6.52E-12	4.53E-12
270	-1332.88	500.04	7439921	Lead	1.83E-06	1.93E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-11	1.50E-10	1.10E-11	7.60E-12
271	-1140.45	476.3	7439921	Lead	3.40E-06	3.59E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-11	2.79E-10	2.04E-11	1.41E-11
272	-672.12	353.55	7439921	Lead	5.16E-06	5.45E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-11	4.24E-10	3.09E-11	2.14E-11
273	-169.37	170.38	7439921	Lead	7.10E-06	7.49E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-11	5.83E-10	4.25E-11	2.95E-11
274	-75.04	299.11	7439921	Lead	5.00E-06	5.28E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-11	4.11E-10	2.99E-11	2.08E-11
275	49.15	527.2	7439921	Lead	3.78E-06	3.99E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	3.10E-10	2.26E-11	1.57E-11
276	144.22	648.15	7439921	Lead	3.72E-06	3.93E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-11	3.06E-10	2.23E-11	1.55E-11
277	394.15	623.31	7439921	Lead	5.88E-06	6.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-11	4.83E-10	3.52E-11	2.44E-11
278	501.62	717.12	7439921	Lead	1.08E-05	1.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	8.87E-10	6.47E-11	4.49E-11
279	618.47	665.12	7439921	Lead	8.33E-06	8.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	6.84E-10	4.99E-11	3.46E-11
280	755.45	579.13	7439921	Lead	7.85E-06	8.28E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-10	6.45E-10	4.70E-11	3.26E-11
281	867.79	485.41	7439921	Lead	8.51E-06	8.98E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	6.99E-10	5.09E-11	3.53E-11
282	955.03	377.6	7439921	Lead	0.00000895	9.44E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	7.35E-10	5.36E-11	3.72E-11
283	1331.68	-165.58	7439921	Lead	0.000022	2.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-10	1.81E-09	1.32E-10	9.14E-11
284	1406.74	-290.13	7439921	Lead	0.0000148	1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	1.22E-09	8.86E-11	6.15E-11
285	1456.2	-436.06	7439921	Lead	0.0000193	2.04E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	1.59E-09	1.16E-10	8.02E-11
286	1209.21	-528.32	7439921	Lead	0.0000226	2.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-10	1.86E-09	1.35E-10	9.39E-11
287	913.01	-694.67	7439921	Lead	0.0000426	4.50E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-10	3.50E-09	2.55E-10	1.77E-10
288	717.24	-664.22	7439921	Lead	0.0000233	2.46E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-10	1.91E-09	1.39E-10	9.68E-11
289	544.23	-594.35	7439921	Lead	0.0000226	2.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-10	1.86E-09	1.35E-10	9.39E-11
290	338.12	-539.73	7439921	Lead	0.0000242	2.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-10	1.99E-09	1.45E-10	1.01E-10
291	123.44	-529.45	7439921	Lead	0.0000275	2.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-10	2.26E-09	1.65E-10	1.14E-10
292	-353.26	-515.05	7439921	Lead	-0.000018	-1.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-10	-1.48E-09	-1.08E-10	-7.48E-11
293	-537.68	-487.8	7439921	Lead	0.0000149	1.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-10	1.22E-09	8.92E-11	6.19E-11
294	-775.51	-486.07	7439921	Lead	0.00000926	9.77E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-10	7.61E-10	5.54E-11	3.85E-11
295	-1414.44	-481.5	7439921	Lead	0.000000411	4.34E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-12	3.38E-11	2.46E-12	1.71E-12
296	-1515.21	-320.18	7439921	Lead	-6.84E-06	-7.22E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.06E-11	-5.62E-10	-4.09E-11	-2.84E-11
297	-1749.69	-63.9	7439921	Lead	1.15E-06	1.21E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-11	9.45E-11	6.88E-12	4.78E-12
298	-920.57	426.17	7439921	Lead	3.43E-06	3.62E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-11	2.82E-10	2.05E-11	1.42E-11
299	-420.73	233.87	7439921	Lead	7.44E-06	7.85E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.85E-11	6.11E-10	4.45E-11	3.09E-11
300	1090.12	214.1	7439921	Lead	1.62E-05	1.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-10	1.33E-09	9.70E-11	6.73E-11
301	1183.39	65.17	7439921	Lead	2.25E-05	2.37E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-10	1.85E-09	1.35E-10	9.35E-11
302	1055.3	-577.42	7439921	Lead	2.16E-05	2.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-10	1.77E-09	1.29E-10	8.97E-11
303	-103.02	-518.78	7439921	Lead	4.31E-06	4.55E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-11	3.54E-10	2.58E-11	1.79E-11
304	-1076.39	-488.67	7439921	Lead	-0.0000107	-1.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-10	-8.79E-10	-6.41E-11	-4.44E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000314	3.31E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-12	2.58E-11	1.88E-12	1.30E-12
306	-5050.04	-958.41	7439921	Lead	0.000000206	2.17E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-12	1.69E-11	1.23E-12	8.56E-13
307	-4023.97	-112.26	7439921	Lead	2.66E-07	2.81E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-12	2.18E-11	1.59E-12	1.10E-12
308	-2122.34	995.23	7439921	Lead	4.41E-07	4.65E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.84E-12	3.62E-11	2.64E-12	1.83E-12
309	-2734.69	227.4	7439921	Lead	5.83E-07	6.15E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-12	4.79E-11	3.49E-12	2.42E-12
310	-2371.11	-69.21	7439921	Lead	7.29E-07	7.69E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-12	5.99E-11	4.36E-12	3.03E-12
311	-2146.26	177.17	7439921	Lead	9.41E-07	9.93E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	7.73E-11	5.63E-12	3.91E-12
312	-1919.02	445.07	7439921	Lead	8.92E-07	9.41E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-11	7.33E-11	5.34E-12	3.71E-12
313	-1651.12	607.72	7439921	Lead	8.24E-07	8.70E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-11	6.77E-11	4.93E-12	3.42E-12
314	-3361.39	677.09	7439921	Lead	3.65E-07	3.85E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-12	3.00E-11	2.18E-12	1.52E-12
315	-3026.51	724.93	7439921	Lead	3.83E-07	4.04E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.07E-12	3.15E-11	2.29E-12	1.59E-12

Alternative 4 RAST Output 30 Year Resident 02-16 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	4.29E-07	4.53E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-12	3.52E-11	2.57E-12	1.78E-12
317	-922.86	446.42	7439921	Lead	3.28E-06	3.46E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-11	2.69E-10	1.96E-11	1.36E-11
318	-1799.42	1088.51	7439921	Lead	5.57E-07	5.88E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-12	4.58E-11	3.33E-12	2.31E-12
319	-359.36	1846.44	7439921	Lead	9.39E-07	9.91E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-11	7.71E-11	5.62E-12	3.90E-12
320	671.3	-742.78	7439921	Lead	1.56E-05	1.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-10	1.28E-09	9.34E-11	6.48E-11
321	-1565.55	-932.22	7439921	Lead	1.04E-05	1.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-10	8.54E-10	6.23E-11	4.32E-11
322	-1733.02	-528.24	7439921	Lead	3.38E-06	3.57E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-11	2.78E-10	2.02E-11	1.40E-11
323	-1261.46	-507.67	7439921	Lead	-7.82E-06	-8.25E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-10	-6.42E-10	-4.68E-11	-3.25E-11
324	-883.92	-503.26	7439921	Lead	0.00000913	9.63E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	7.50E-10	5.47E-11	3.79E-11
325	1599.35	-1104.97	7439921	Lead	0.000025	2.64E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	2.05E-09	1.50E-10	1.04E-10
326	1608.16	-1382.63	7439921	Lead	1.10E-05	1.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	9.04E-10	6.58E-11	4.57E-11
327	3517.15	-1425.27	7439921	Lead	2.58E-06	2.72E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-11	2.12E-10	1.54E-11	1.07E-11
328	2959.77	-846.37	7439921	Lead	2.79E-06	2.94E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-11	2.29E-10	1.67E-11	1.16E-11
329	3479.67	224.81	7439921	Lead	0.000000795	8.39E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-11	6.53E-11	4.76E-12	3.30E-12
330	44.43	1469.76	7439921	Lead	0.00000156	1.65E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-11	1.28E-10	9.34E-12	6.48E-12
331	3044.83	-34	7439921	Lead	1.30E-06	1.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-11	1.07E-10	7.78E-12	5.40E-12
332	1088	-938	7439921	Lead	1.28E-05	1.35E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-10	1.05E-09	7.66E-11	5.32E-11
333	1647	-390	7439921	Lead	3.33E-05	3.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-10	2.74E-09	1.99E-10	1.38E-10
334	1650	-890	7439921	Lead	3.35E-05	3.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.44E-10	2.75E-09	2.01E-10	1.39E-10
335	1430	215	7439921	Lead	2.94E-05	3.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-10	2.41E-09	1.76E-10	1.22E-10
336	1142	615	7439921	Lead	0.00000774	8.17E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	6.36E-10	4.63E-11	3.22E-11
337	-333	-788	7439921	Lead	0.00000424	4.47E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-11	3.48E-10	2.54E-11	1.76E-11
338	-42	-825	7439921	Lead	0.00000562	5.93E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.44E-11	4.62E-10	3.36E-11	2.33E-11
339	1900	-1175	7439921	Lead	0.0000141	1.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-10	1.16E-09	8.44E-11	5.86E-11
340	1815	-1910	7439921	Lead	0.00000427	4.51E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-11	3.51E-10	2.56E-11	1.77E-11
341	2575	-2650	7439921	Lead	0.00000208	2.19E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-11	1.71E-10	1.25E-11	8.64E-12
342	2665	-2025	7439921	Lead	0.00000303	3.20E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-11	2.49E-10	1.81E-11	1.26E-11
343	3480	-2025	7439921	Lead	0.00000243	2.56E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-11	2.00E-10	1.45E-11	1.01E-11
344	2667	-1400	7439921	Lead	0.00000514	5.42E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.81E-11	4.22E-10	3.08E-11	2.14E-11
345	3400	-250	7439921	Lead	0.00000111	1.17E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-11	9.12E-11	6.64E-12	4.61E-12
346	2577	-940	7439921	Lead	0.0000053	5.59E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-11	4.35E-10	3.17E-11	2.20E-11
347	2404	-475	7439921	Lead	0.00000454	4.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.01E-11	3.73E-10	2.72E-11	1.89E-11
348	1577	291	7439921	Lead	0.00000708	7.47E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.38E-11	5.82E-10	4.24E-11	2.94E-11
349	2400	240	7439921	Lead	0.00000199	2.10E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-11	1.63E-10	1.19E-11	8.27E-12
350	2600	1290	7439921	Lead	0.00000105	1.11E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-11	8.62E-11	6.29E-12	4.36E-12
351	900	935	7439921	Lead	0.00000824	8.70E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	6.77E-10	4.93E-11	3.42E-11
352	1375	1395	7439921	Lead	0.00000212	2.24E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-11	1.74E-10	1.27E-11	8.81E-12
353	-1710.89	-383.91	7440020	Nickel	-0.0000462	-1.33E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000308	-8.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.84E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	-0.00000373	-1.07E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.00000455	-1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.00000388	-1.11E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000886	-2.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000146	-4.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000255	-7.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.32E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.00000693	1.99E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.00000795	2.28E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000101	2.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000147	4.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000297	8.52E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000102	2.93E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000725	2.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000686	1.97E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000786	2.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000843	2.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000259	7.43E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.43E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000139	3.99E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.00017	4.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000147	4.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000463	1.33E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000197	5.65E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000182	5.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000213	6.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.11E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000285	8.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000456	-1.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.0000985	-2.83E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000349	-1.00E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000573	-1.64E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000154	-4.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000115	-3.30E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.30E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000207	-5.94E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.94E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.0000164	-4.71E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000196	5.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	2.74E-04	7.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.86E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000141	4.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000671	-1.93E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000265	-7.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.60E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.000000675	1.94E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000517	1.48E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000454	1.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.000000809	2.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.000000583	1.67E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	3.68E-08	1.06E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-11	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	5.06E-08	1.45E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-11	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.000000296	8.49E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-11	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	-0.00000149	-4.28E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000625	1.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.000000825	2.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	-0.000000461	-1.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000195	-5.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.60E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	-3.09E-08	-8.87E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-12	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.000000494	1.42E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000124	3.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000115	3.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000104	2.98E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000177	-5.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.08E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.00022	-6.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.31E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000292	8.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.38E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.00011	3.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000183	5.25E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000194	5.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000557	1.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000455	1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000101	2.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000104	2.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000396	1.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000383	1.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.00037	1.06E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000776	2.23E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000334	-9.58E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.58E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.000000581	1.67E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-10	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000152	4.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000332	9.53E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.53E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000136	3.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000216	6.20E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000169	4.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000447	1.28E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000763	2.19E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000448	1.29E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000418	1.20E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000759	2.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000174	4.99E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000792	2.27E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000629	1.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000139	3.99E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	-0.016	-5.55E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	-0.0122	-4.23E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	-0.00801	-2.78E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.78E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	-0.00844	-2.93E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	-0.00714	-2.48E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.0137	-4.75E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.75E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0217	-7.53E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.53E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0387	-1.34E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00185	6.42E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00293	-1.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.00947	-3.28E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0111	-3.85E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0595	-2.06E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.06E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.033	-1.14E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0243	-8.43E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0142	-4.93E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00789	-2.74E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00453	-1.57E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0102	3.54E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0000935	3.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00658	-2.28E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.0059	-2.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0168	-5.83E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.83E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0101	-3.50E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.50E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00509	-1.77E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0176	6.10E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0661	2.29E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0474	-1.64E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0811	-2.81E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.81E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0774	-2.68E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0382	-1.32E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.0431	-1.49E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	-0.013	-4.51E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0314	-1.09E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0297	-1.03E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.000807	-2.80E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.00951	3.30E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.30E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00551	-1.91E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.0431	1.49E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0624	-2.16E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000602	-2.09E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000437	-1.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000686	-2.38E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00125	-4.34E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00165	-5.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.72E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.00289	-1.00E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00337	-1.17E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.00295	-1.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	-0.00422	-1.46E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000792	-2.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0009	-3.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00207	-7.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.18E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0295	-1.02E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.00207	-7.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.18E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00344	-1.19E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.00034	1.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0133	-4.61E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.0158	-5.48E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.48E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0449	-1.56E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0653	-2.26E-05	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.00808	-2.80E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.0063	-2.19E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00198	-6.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.87E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00233	-8.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.08E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000711	-2.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00473	-1.64E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00124	-4.30E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00322	-1.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0113	-3.92E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0137	-4.75E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.75E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0109	-3.78E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00174	-6.04E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.04E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0179	-6.21E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.21E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.000507	-1.76E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00466	-1.62E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00345	-1.20E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00218	-7.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.56E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00271	-9.40E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.40E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00209	-7.25E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.25E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00272	-9.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.43E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00121	-4.20E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00286	-9.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00322	-1.12E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00303	-1.05E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00146	-5.06E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.06E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000487	-1.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00648	-2.25E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00201	-6.97E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.97E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.000832	1.57E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000799	1.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.0011	2.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00124	2.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00114	2.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00372	7.04E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00489	9.25E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.25E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00319	6.04E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00439	8.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.31E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00288	5.45E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00176	3.33E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00137	2.59E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000834	1.58E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000292	-5.52E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000492	9.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.31E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000812	1.54E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00093	1.76E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00115	2.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00258	4.88E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.88E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00433	8.19E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.19E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00744	1.41E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0158	2.99E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00523	9.89E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00537	1.02E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00525	9.93E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.93E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00493	9.33E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.33E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00494	9.35E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.35E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00273	5.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.002	3.78E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000586	1.11E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000355	6.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00126	2.38E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00103	1.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00348	6.58E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00399	7.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000295	5.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00118	2.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0125	2.36E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00408	7.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000381	7.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.0000952	1.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000596	1.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000878	1.66E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000187	3.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000207	3.92E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000293	5.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000423	8.00E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000508	9.61E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.61E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000604	1.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000128	2.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000151	2.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000346	6.55E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00339	6.41E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.41E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000312	5.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000658	1.24E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00613	1.16E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000623	1.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.0000908	1.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000809	1.53E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00133	2.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00292	5.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00223	4.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00115	2.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00118	2.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000221	4.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00083	1.57E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000328	6.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00532	1.01E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.0012	2.27E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00299	5.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000502	-9.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.50E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000798	1.51E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00301	5.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00365	6.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00288	5.45E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00159	3.01E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.000935	1.77E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00133	2.52E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00111	2.10E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00184	3.48E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000354	6.70E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00188	3.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00107	2.02E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000825	1.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000375	7.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000321	6.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.00077	1.46E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000641	1.21E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00124	3.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00143	4.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00254	8.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.0029	9.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00267	8.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.42E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.00908	2.86E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0119	3.75E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00728	2.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0107	3.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00688	2.17E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00398	1.25E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00291	9.18E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.18E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.000995	3.14E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00198	-6.24E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.24E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000675	-2.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00106	3.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00139	4.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00203	6.40E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00509	1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.00974	3.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.017	5.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0382	1.20E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.00816	2.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.00929	2.93E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.00853	2.69E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00748	2.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.00864	2.72E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	2.67E-03	8.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.42E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	4.30E-04	1.36E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-3.84E-03	-1.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.04E-03	-6.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.43E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.23E-03	3.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.22E-03	7.00E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	8.12E-03	2.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	9.40E-03	2.96E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00149	-4.70E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.28E-03	4.04E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	2.97E-02	9.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.36E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	6.49E-03	2.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00339	-1.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.07E-04	6.53E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000127	4.00E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000187	5.90E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000414	1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.00045	1.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.00061	1.92E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.000941	2.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00118	3.72E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00139	4.38E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000288	9.08E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000341	1.08E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	7.97E-04	2.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00794	2.50E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	7.07E-04	2.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.0015	4.73E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0139	4.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000606	1.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00131	-4.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.000917	-2.89E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.89E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000503	-1.59E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.0056	1.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00451	1.42E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00273	8.61E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00278	8.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.77E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000499	1.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00185	5.83E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000729	2.30E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0123	3.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000284	8.95E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.95E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00443	1.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00386	-1.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00132	4.16E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00626	1.97E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00812	2.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.0064	2.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00363	1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00217	6.84E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.0031	9.77E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.77E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00262	8.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00432	1.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000808	2.55E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00443	1.40E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00239	7.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.54E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00149	4.70E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00079	2.49E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000735	2.32E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00144	4.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00146	4.60E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0102	-3.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.0068	-2.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00197	-6.21E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.21E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00187	-5.90E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.90E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00158	-4.98E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.98E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	-0.0008	-2.52E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00174	-5.49E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00685	-2.16E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00109	-3.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00245	-7.73E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.73E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00426	-1.34E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00581	-1.83E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0134	-4.23E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0244	-7.69E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.69E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0163	-5.14E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0119	-3.75E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0114	-3.59E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.59E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0101	-3.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.016	-5.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0115	-3.63E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0165	-5.20E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.20E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00724	-2.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0597	-1.88E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0496	-1.56E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0559	-1.76E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0591	-1.86E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0447	-1.41E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0515	-1.62E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0571	-1.80E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0674	-2.13E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0372	-1.17E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0238	-7.50E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.50E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00407	-1.28E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.25E-03	-1.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-5.20E-03	-1.64E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-2.83E-02	-8.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.92E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.06E-02	-6.50E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.22E-02	-3.85E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.50E-02	-1.42E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-5.53E-02	-1.74E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.37E-04	-1.06E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.43E-04	-7.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-3.68E-04	-1.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-5.62E-04	-1.77E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-7.31E-04	-2.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.40E-03	-4.41E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.41E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.22E-03	-3.85E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-9.22E-04	-2.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-1.24E-03	-3.91E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.51E-04	-1.11E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-3.87E-04	-1.22E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-6.75E-04	-2.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-4.93E-03	-1.55E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-7.45E-04	-2.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.48E-03	-4.67E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.50E-02	-4.73E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.18E-02	-3.72E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.72E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-1.96E-02	-6.18E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.18E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-3.71E-02	-1.17E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-4.80E-02	-1.51E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.00E-02	-6.31E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.31E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.24E-02	-3.91E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.14E-03	-3.59E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.59E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.33E-03	-4.19E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.42E-04	-1.71E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.42E-03	-7.63E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-9.80E-04	-3.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-9.26E-03	-2.92E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.41E-02	-1.08E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-3.73E-02	-1.18E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.36E-02	-1.06E-06	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.11E-03	-2.56E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.45E-02	-4.57E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.57E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.08E-02	-3.41E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-8.44E-03	-2.66E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.39E-03	-1.07E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.55E-03	-4.89E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.09E-03	-6.59E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.59E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.44E-03	-4.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.54E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.61E-03	-8.23E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.23E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-7.87E-04	-2.48E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.39E-03	-7.54E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.54E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.07E-03	-9.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.68E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-6.88E-03	-2.17E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.66E-03	-5.23E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-6.78E-04	-2.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-5.70E-03	-1.80E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.48E-03	-4.67E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.23E-03	-8.86E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.86E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.19E-03	-6.01E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.01E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-8.06E-04	-2.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-8.04E-04	-2.21E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-6.97E-04	-1.91E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-9.69E-04	-2.66E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.48E-03	-4.06E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.06E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.68E-03	-7.35E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.35E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.19E-03	-3.26E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.30E-03	-3.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.57E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.62E-03	-4.44E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.44E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.01E-03	-5.51E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.51E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00419	-1.15E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.0073	-2.00E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00498	-1.37E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00373	-1.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00359	-9.85E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.85E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00327	-8.97E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.97E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00529	-1.45E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00428	-1.17E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.0064	-1.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00526	-1.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0189	-5.18E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0159	-4.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0178	-4.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.88E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0187	-5.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0144	-3.95E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.016	-4.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.39E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0175	-4.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.80E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0203	-5.57E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.57E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0112	-3.07E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00737	-2.02E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00142	-3.90E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.90E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00225	-6.17E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.17E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00234	-6.42E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.42E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00854	-2.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.0064	-1.76E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00611	-1.68E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0143	-3.92E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.92E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0167	-4.58E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.58E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.00012	-3.29E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000844	-2.32E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000128	-3.51E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000205	-5.62E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.62E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.00026	-7.13E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.13E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000477	-1.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000449	-1.23E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000376	-1.03E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000489	-1.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.00013	-3.57E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.57E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000146	-4.01E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.01E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.00027	-7.41E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.41E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.14E-03	-5.87E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.87E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-2.84E-04	-7.79E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.79E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-5.72E-04	-1.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-5.69E-03	-1.56E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00366	-1.00E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00589	-1.62E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0113	-3.10E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0147	-4.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00656	-1.80E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.16E-03	-1.14E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-5.67E-04	-1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000628	-1.72E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000206	-5.65E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.65E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000887	-2.43E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000358	-9.82E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.82E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00382	-1.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0105	-2.88E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0118	-3.24E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.00999	-2.74E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00259	-7.11E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.11E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00493	-1.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00395	-1.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00309	-8.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.48E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00133	-3.65E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000648	-1.78E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000888	-2.44E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000649	-1.78E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.14E-03	-3.13E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.05E-04	-8.37E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.37E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00108	-2.96E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00113	-3.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00222	-6.09E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.09E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-5.72E-04	-1.57E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.66E-04	-7.30E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.30E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-1.86E-03	-5.10E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.10E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000569	-1.56E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00493	3.26E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00504	3.34E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00769	5.09E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00873	5.78E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00802	5.31E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0267	1.77E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.035	2.32E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0222	1.47E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0314	2.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0205	1.36E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0122	8.08E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.00925	6.13E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.13E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00461	3.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00273	-1.81E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00185	1.23E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00461	3.05E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00551	3.65E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00724	4.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.69E-02	1.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.03	1.99E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0518	3.43E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.113	7.48E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.14E-02	2.08E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0335	2.22E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	3.20E-02	2.12E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	2.94E-02	1.95E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0309	2.05E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0143	9.47E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.47E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00845	5.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00275	-1.82E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.00129	-8.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.54E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00661	4.38E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00702	4.65E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0245	1.62E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0282	1.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000802	-5.31E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.31E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00633	4.19E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0886	5.87E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0247	1.64E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00298	-1.97E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.00065	4.30E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000403	2.67E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000593	3.93E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.28E-03	8.48E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.48E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00141	9.34E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.34E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00197	1.30E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00291	1.93E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00356	2.36E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00422	2.79E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	8.88E-04	5.88E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00105	6.95E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.95E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00242	1.60E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0239	1.58E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00217	1.44E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00458	3.03E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0426	2.82E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00326	2.16E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.00137	-9.07E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.07E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00198	1.3111E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3111E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00457	3.0261E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0261E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0189	1.2515E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2515E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0148	0.000000098	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.000000098	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00814	5.39E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00833	5.5158E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5158E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00153	1.0131E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0131E-08	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00572	3.7875E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7875E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00226	1.4965E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4965E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0373	2.4699E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4699E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00513	3.3969E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3969E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0177	1.172E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.172E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00709	-4.6947E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6947E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.0049	3.2446E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2446E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0202	1.3376E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3376E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0252	1.6686E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6686E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0198	1.3111E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3111E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0111	7.35E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00656	4.3438E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3438E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.00936	6.1978E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1978E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00786	5.2046E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2046E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.013	8.6081E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6081E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00247	1.6355E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6355E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0133	8.8067E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8067E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00739	4.8934E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8934E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00522	3.4565E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4565E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00253	1.6753E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6753E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00224	1.4832E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4832E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00495	3.2777E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2777E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00446	2.9532E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9532E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.00000389	4.293E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.293E-12	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.00000325	3.5867E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5867E-12	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.00000286	3.1563E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1563E-12	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.00000222	2.45E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-12	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.00000214	2.3617E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3617E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.00000286	3.1563E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1563E-12	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.00000333	3.675E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.675E-12	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000171	1.8872E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8872E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.0000102	1.1257E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1257E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.00000714	7.8797E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-12	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.00000468	5.1648E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1648E-12	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.00000365	4.0281E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0281E-12	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.00000254	2.8031E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8031E-12	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.00000214	2.3617E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3617E-12	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.00000167	1.843E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.843E-12	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.00000103	1.1367E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1367E-12	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.00000111	1.225E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.225E-12	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.00000135	1.4899E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4899E-12	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.00000183	2.0196E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0196E-12	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.00000302	3.3329E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3329E-12	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.00000405	4.4696E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4696E-12	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.00000508	5.6063E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6063E-12	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.0000073	8.0563E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0563E-12	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.0000121	1.3354E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3354E-11	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.0000403	4.4475E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4475E-11	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.0000832	9.1819E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1819E-11	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000144	1.5892E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5892E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.00000802	8.8509E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8509E-12	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.00000564	6.2243E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2243E-12	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.00000365	4.0281E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0281E-12	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.00000683	7.5376E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5376E-12	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.0000212	2.3396E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3396E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.00000222	2.45E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-12	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.0000208	2.2955E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2955E-11	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.0000261	2.8804E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8804E-11	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.000000317	3.4984E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4984E-13	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.000000476	5.2531E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-13	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.000000714	7.8797E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-13	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.00000151	1.6664E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6664E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.00000206	2.2734E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2734E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.00000143	1.5781E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5781E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.00000159	1.7547E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7547E-12	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.000000794	8.7626E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7626E-13	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.000000714	7.8797E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-13	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.000000714	7.8797E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-13	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.00000635	7.0078E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-12	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000127	1.4016E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4016E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.00000143	1.5781E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5781E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.00000468	5.1648E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.1648E-12	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.00000405	4.4696E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4696E-12	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.00000413	4.5579E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5579E-12	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000121	1.3354E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3354E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000105	1.1588E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1588E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.00000198	2.1851E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1851E-12	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.00000222	2.45E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-12	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.000000714	7.8797E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-13	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.000000714	7.8797E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.8797E-13	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.000000476	5.2531E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2531E-13	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.00000159	1.7547E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7547E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.000000556	6.136E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.136E-13	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.00000302	3.3329E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3329E-12	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.00000119	1.3133E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3133E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.00000159	1.7547E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7547E-12	0	0	0
1039	1430	215	75092	Methylene Chlor	0.00000103	1.1367E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1367E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.000000794	8.7626E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7626E-13	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.0000181	1.9975E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9975E-11	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.0000128	1.4126E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4126E-11	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.00000159	1.7547E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7547E-12	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.00000175	1.9313E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9313E-12	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.00000103	1.1367E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1367E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.00000135	1.4899E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4899E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.000000952	1.0506E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0506E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.00000111	1.225E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.225E-12	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.000000556	6.136E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.136E-13	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.000000873	9.6344E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6344E-13	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.000000794	8.7626E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.7626E-13	0	0	0
1052	1577	291	75092	Methylene Chlor	0.000000873	9.6344E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6344E-13	0	0	0
1053	2400	240	75092	Methylene Chlor	0.000000635	7.0078E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0078E-13	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.000000317	3.4984E-13	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4984E-13	0	0	0
1055	900	935	75092	Methylene Chlor	0.00000135	1.4899E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4899E-12	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000000952	1.0506E-12	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0506E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000614	-2.3232E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3232E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000349	-1.3205E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3205E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.000108	4.0865E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0865E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.00015	5.6756E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6756E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000149	5.6378E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6378E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.000835	3.1594E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1594E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00104	3.9351E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9351E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.000223	8.4378E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4378E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.000971	3.674E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.674E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000501	1.8957E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8957E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.0000851	3.22E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000132	-4.9946E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9946E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000869	-3.2881E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2881E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00195	-7.3783E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3783E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00118	-4.4648E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.4648E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000753	-2.8492E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8492E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000681	-2.5767E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5767E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00053	-2.0054E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0054E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000648	-2.4519E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4519E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000133	5.0324E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0324E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00048	1.8162E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8162E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00324	1.2259E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2259E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.0035	-1.3243E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3243E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00266	-1.0065E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0065E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00318	-1.2032E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2032E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00352	-1.3319E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3319E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00237	-8.9675E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.9675E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00344	-1.3016E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3016E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00407	-0.000000154	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-0.000000154	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00523	-1.9789E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9789E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00288	-1.0897E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0897E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00159	-6.0162E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.0162E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.0000746	-2.8227E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8227E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000421	1.593E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.593E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.00055	2.0811E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0811E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00218	-8.2486E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.2486E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00135	-5.1081E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1081E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00204	7.7189E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7189E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.0026	-9.8378E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.8378E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00431	-1.6308E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6308E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000388	-1.4681E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4681E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000497	-1.8805E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8805E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000815	-3.0838E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0838E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000283	1.0708E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0708E-11	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000831	-3.1443E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1443E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000407	-1.54E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000457	1.7292E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7292E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000492	1.8616E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8616E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000473	1.7897E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7897E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.000003	1.1351E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1351E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000563	2.1303E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1303E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000298	1.1276E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1276E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000426	1.6119E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6119E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000159	6.0162E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.0162E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000408	1.5438E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5438E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000288	1.0897E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0897E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000789	-2.9854E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9854E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00154	-5.827E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.827E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00276	-1.0443E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0443E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00351	-1.3281E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3281E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000886	-3.3524E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3524E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000451	-1.7065E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7065E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000186	7.0378E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0378E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000178	6.7351E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7351E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.00001	3.7838E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7838E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000078	2.9513E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9513E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000116	4.3892E-11	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3892E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000547	2.0697E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0697E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00243	-9.1945E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1945E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00225	-8.5135E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5135E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.0028	-1.0595E-07	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0595E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.000454	-1.7178E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7178E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000427	-1.6157E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6157E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000223	8.4378E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4378E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000216	8.1729E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1729E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000114	4.3135E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3135E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000102	3.8594E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8594E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000154	5.827E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.827E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000154	5.827E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.827E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000237	8.9675E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9675E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000228	8.627E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.627E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000263	9.9513E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.9513E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000139	5.2594E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2594E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000349	-1.3205E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3205E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000419	-1.5854E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5854E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000235	8.8918E-10	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8918E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000268	-1.014E-08	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.014E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000368	1.3924E-09	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3924E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0225	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0149	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.00255	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	-0.00288	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	-0.00237	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.00495	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.00793	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0133	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00427	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00359	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00299	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:32:02 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_02-16_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00416	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00193	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0323	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0224	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0226	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0284	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0323	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.108	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.056	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0643	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0551	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.184	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0728	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0658	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.0826	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.126	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.205	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0467	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.154	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0307	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0725	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	-0.00625	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0113	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00841	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.0868	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.115	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0527	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	-0.0265	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.111	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000245	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000175	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000139	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000162	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000104	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	-0.000228	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	-0.000302	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	-0.000249	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	-0.0011	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000183	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000243	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	-0.00041	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0106	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	-0.000262	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	-0.00017	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0517	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.046	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	-0.000919	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0753	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.0928	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.12	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.044	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00726	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.00746	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00197	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00112	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00365	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0425	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.155	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.149	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.147	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0291	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	-0.0131	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.0028	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0623	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0135	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00551	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.00882	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00689	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0182	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00272	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0178	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0164	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0297	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00632	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00313	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0113	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00475	0	16YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-1.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.54E-10	-1.33E-09	-1.98E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-1.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-10	-9.00E-10	-1.34E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-8.94E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-11	-6.00E-11	-8.92E-12	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-1.30E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-11	-8.76E-11	-1.30E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-1.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-11	-8.12E-11	-1.21E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-3.20E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.33E-11	-2.15E-10	-3.19E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-5.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-10	-3.71E-10	-5.51E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-10	-6.98E-10	-1.04E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	1.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-11	1.23E-10	1.83E-11	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	3.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-11	2.39E-10	3.55E-11	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	6.20E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-10	4.16E-10	6.19E-11	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	9.35E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-10	6.28E-10	9.33E-11	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	2.58E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-10	1.73E-09	2.58E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	6.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	4.16E-09	6.19E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	4.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	3.00E-09	4.45E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	4.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-10	2.73E-09	4.05E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	4.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	2.96E-09	4.40E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	4.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	3.04E-09	4.52E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	1.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-09	8.76E-09	1.30E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	7.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	4.87E-09	7.23E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	9.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-09	6.19E-09	9.19E-10	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	8.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	5.42E-09	8.05E-10	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	2.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	1.63E-08	2.42E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	7.29E-09	1.08E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-09	6.86E-09	1.02E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-09	7.63E-09	1.13E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	1.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-09	9.06E-09	1.35E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-09	-1.45E-08	-2.15E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-4.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-09	-3.04E-09	-4.52E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-1.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.88E-09	-1.14E-08	-1.69E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-2.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.00E-10	-1.47E-09	-2.18E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-6.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-09	-4.59E-09	-6.82E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-4.33E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.92E-11	-2.91E-10	-4.32E-11	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-7.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-10	-5.27E-10	-7.83E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-7.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-10	-4.72E-10	-7.01E-11	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	9.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-09	6.28E-09	9.33E-10	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	1.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-09	9.19E-09	1.36E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	7.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-09	5.18E-09	7.69E-10	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-3.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.16E-10	-2.39E-09	-3.56E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-1.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	-8.91E-09	-1.32E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	3.65E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.36E-12	2.45E-11	3.64E-12	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	2.96E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-12	1.99E-11	2.95E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	2.71E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-12	1.82E-11	2.70E-12	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	5.75E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-11	3.86E-11	5.73E-12	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	4.12E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-12	2.77E-11	4.11E-12	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	2.42E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-12	1.63E-11	2.42E-12	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	3.22E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.36E-12	2.16E-11	3.21E-12	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	5.06E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-11	3.40E-11	5.05E-12	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-2.84E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.49E-12	-1.90E-11	-2.83E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	3.79E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.68E-12	2.54E-11	3.78E-12	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	5.06E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-11	3.40E-11	5.05E-12	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-1.94E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-13	-1.30E-12	-1.94E-13	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-7.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-10	-4.96E-10	-7.37E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	2.18E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-12	1.47E-11	2.18E-12	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	6.11E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-11	4.10E-11	6.10E-12	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	6.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	4.20E-09	6.23E-10	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	5.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-09	4.01E-09	5.96E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	1.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-10	7.10E-10	1.06E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-8.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-09	-5.91E-09	-8.78E-10	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-09	-7.47E-09	-1.11E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-09	9.98E-09	1.48E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	5.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-09	3.80E-09	5.64E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	9.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	6.46E-10	9.60E-11	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-10	6.98E-10	1.04E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	3.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.23E-11	2.12E-10	3.15E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	3.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-11	2.06E-10	3.06E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	5.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-10	3.80E-10	5.64E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	5.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-09	3.55E-09	5.28E-10	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	2.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-09	1.41E-08	2.09E-09	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	2.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.67E-09	1.37E-08	2.03E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	1.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-09	1.30E-08	1.93E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	4.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.70E-10	2.85E-09	4.23E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-1.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-10	-1.21E-09	-1.79E-10	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-2.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.00E-11	-1.76E-10	-2.62E-11	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	7.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-09	5.21E-09	7.73E-10	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	1.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-10	1.14E-09	1.70E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	7.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-10	4.72E-10	7.01E-11	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	1.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-10	7.38E-10	1.10E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	8.67E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-10	5.82E-10	8.64E-11	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	2.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-10	1.54E-09	2.28E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	4.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-11	2.89E-10	4.30E-11	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	2.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-10	1.57E-09	2.33E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	2.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-10	1.49E-09	2.21E-10	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	4.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.20E-10	2.70E-09	4.01E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	9.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	6.52E-10	9.69E-11	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	4.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.51E-11	2.79E-10	4.14E-11	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	4.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	3.15E-09	4.69E-10	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	8.12E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-10	5.45E-10	8.10E-11	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-4.00E-06	-1.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-07	-4.08E-09	-2.02E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.65E-06	-1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	-2.71E-09	-1.34E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	-1.52E-07	-6.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.74E-09	-1.55E-10	-7.68E-12	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	-2.10E-07	-9.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.32E-09	-2.14E-10	-1.06E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	-2.00E-07	-9.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-09	-2.04E-10	-1.01E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-5.09E-07	-2.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-08	-5.20E-10	-2.57E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-7.44E-07	-3.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.30E-08	-7.59E-10	-3.76E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.82E-06	-8.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.08E-08	-1.86E-09	-9.20E-11	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.27E-06	5.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	1.30E-09	6.42E-11	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.18E-06	5.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-08	1.20E-09	5.97E-11	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.31E-06	5.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-08	1.34E-09	6.62E-11	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.75E-06	7.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.76E-08	1.79E-09	8.85E-11	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.70E-06	1.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	3.78E-09	1.87E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.05E-05	4.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-07	1.07E-08	5.31E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.58E-06	3.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-07	7.74E-09	3.83E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.12E-06	3.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-07	7.27E-09	3.60E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.00E-06	3.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-07	8.17E-09	4.04E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.49E-06	3.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.77E-07	8.67E-09	4.29E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.50E-05	1.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-06	2.55E-08	1.26E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.40E-05	6.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-07	1.43E-08	7.08E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.73E-05	7.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-07	1.77E-08	8.75E-10	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.60E-05	7.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-07	1.63E-08	8.09E-10	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.55E-05	2.07E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-06	4.64E-08	2.30E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.02E-05	9.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-07	2.06E-08	1.02E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.89E-05	8.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-07	1.93E-08	9.55E-10	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.15E-05	9.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.54E-07	2.19E-08	1.09E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.73E-05	1.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-06	2.79E-08	1.38E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.17E-05	-1.89E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-06	-4.26E-08	-2.11E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-8.57E-06	-3.89E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.80E-07	-8.75E-09	-4.33E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.23E-05	-1.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-06	-3.30E-08	-1.63E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-4.73E-06	-2.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-07	-4.83E-09	-2.39E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.38E-05	-6.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-07	-1.41E-08	-6.98E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-8.52E-07	-3.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-08	-8.70E-10	-4.31E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.34E-06	-6.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.95E-08	-1.37E-09	-6.77E-11	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.93E-07	-4.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-08	-9.12E-10	-4.51E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.87E-05	8.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-07	1.91E-08	9.45E-10	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.62E-05	1.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-06	2.67E-08	1.32E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.52E-05	6.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-07	1.55E-08	7.68E-10	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-5.71E-06	-2.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.53E-07	-5.83E-09	-2.89E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.46E-05	-1.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-06	-2.51E-08	-1.24E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	8.40E-08	3.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-09	8.57E-11	4.25E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	6.49E-08	2.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-09	6.63E-11	3.28E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	6.51E-08	2.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-09	6.65E-11	3.29E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.17E-07	5.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-09	1.19E-10	5.91E-12	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	9.95E-08	4.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-09	1.02E-10	5.03E-12	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	7.31E-08	3.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-09	7.46E-11	3.70E-12	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	9.12E-08	4.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-09	9.31E-11	4.61E-12	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.27E-07	5.77E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-09	1.30E-10	6.42E-12	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	-3.44E-08	-1.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-09	-3.51E-11	-1.74E-12	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	8.46E-08	3.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-09	8.64E-11	4.28E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.07E-07	4.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-09	1.09E-10	5.41E-12	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.13E-08	5.13E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-10	1.15E-11	5.71E-13	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.25E-06	-5.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-08	-1.28E-09	-6.32E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	5.03E-08	2.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-09	5.13E-11	2.54E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	1.52E-07	6.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-09	1.55E-10	7.68E-12	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.26E-05	5.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-07	1.29E-08	6.37E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.11E-05	5.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-07	1.13E-08	5.61E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.45E-06	6.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-08	1.48E-09	7.33E-11	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.64E-05	-7.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.28E-07	-1.67E-08	-8.29E-10	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-2.05E-05	-9.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.10E-07	-2.09E-08	-1.04E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.82E-05	1.28E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-06	2.88E-08	1.43E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.08E-05	4.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.79E-07	1.10E-08	5.46E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.92E-06	8.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-08	1.96E-09	9.71E-11	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.05E-06	9.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-08	2.09E-09	1.04E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	5.85E-07	2.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	5.97E-10	2.96E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	5.95E-07	2.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	6.07E-10	3.01E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.05E-06	4.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-08	1.07E-09	5.31E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.05E-05	4.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-07	1.07E-08	5.31E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.85E-05	1.75E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-06	3.93E-08	1.95E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.75E-05	1.70E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-06	3.83E-08	1.90E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.56E-05	1.62E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-06	3.63E-08	1.80E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	7.76E-06	3.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-07	7.92E-09	3.92E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-2.78E-06	-1.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	-2.84E-09	-1.41E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.78E-07	1.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-08	3.86E-10	1.91E-11	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.48E-05	6.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-07	1.51E-08	7.48E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.38E-06	1.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	3.45E-09	1.71E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.43E-06	6.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-08	1.46E-09	7.23E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.23E-06	1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-08	2.28E-09	1.13E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.76E-06	8.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-08	1.80E-09	8.90E-11	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.50E-06	2.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	4.59E-09	2.27E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.08E-07	3.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-08	8.25E-10	4.08E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.56E-06	2.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	4.65E-09	2.31E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.20E-06	1.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	4.29E-09	2.12E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	7.47E-06	3.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-07	7.63E-09	3.78E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.77E-06	8.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.85E-08	1.81E-09	8.95E-11	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.17E-07	3.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-08	8.34E-10	4.13E-11	0.00E+00
263	900	935	18540299	Cr(VI)	7.04E-06	3.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-07	7.19E-09	3.56E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.50E-06	6.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.66E-08	1.53E-09	7.58E-11	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-6.00E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.29E-12	-3.94E-11	-2.93E-12	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-3.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.57E-12	-2.17E-11	-1.61E-12	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	2.86E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-12	1.87E-11	1.39E-12	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	3.07E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-12	2.01E-11	1.50E-12	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	2.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-12	1.46E-11	1.09E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	4.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-12	2.78E-11	2.06E-12	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	9.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-11	6.09E-11	4.52E-12	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	5.53E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-12	3.63E-11	2.69E-12	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	1.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-11	1.13E-10	8.37E-12	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	1.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-11	7.93E-11	5.89E-12	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	9.65E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-11	6.33E-11	4.71E-12	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	1.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	6.68E-11	4.96E-12	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	1.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-11	1.21E-10	8.99E-12	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	3.57E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-11	2.34E-10	1.74E-11	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	2.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-11	1.80E-10	1.34E-11	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	2.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-11	1.71E-10	1.27E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	2.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-11	1.87E-10	1.39E-11	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	2.99E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-11	1.96E-10	1.46E-11	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	7.46E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	4.89E-10	3.64E-11	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	5.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-11	3.28E-10	2.44E-11	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	6.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-11	4.29E-10	3.18E-11	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	7.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	5.02E-10	3.73E-11	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-10	9.48E-10	7.04E-11	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	7.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	5.08E-10	3.78E-11	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	7.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-10	4.86E-10	3.61E-11	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	7.80E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	5.12E-10	3.80E-11	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	8.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	5.64E-10	4.19E-11	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-9.07E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-10	-5.95E-10	-4.42E-11	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-8.41E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-11	-5.52E-11	-4.10E-12	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-7.14E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.87E-11	-4.69E-10	-3.48E-11	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-4.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.96E-12	-2.83E-11	-2.10E-12	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-2.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.80E-11	-1.80E-10	-1.34E-11	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	1.34E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-12	8.82E-12	6.55E-13	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	6.93E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-12	4.55E-11	3.38E-12	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	1.04E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-11	6.84E-11	5.08E-12	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	5.50E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.60E-11	3.61E-10	2.68E-11	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	7.64E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	5.02E-10	3.73E-11	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	7.27E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	4.77E-10	3.55E-11	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-7.06E-13	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.76E-14	-4.63E-13	-3.44E-14	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-5.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.71E-11	-3.66E-10	-2.72E-11	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	6.19E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-13	4.06E-12	3.02E-13	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	4.68E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-13	3.07E-12	2.28E-13	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	5.90E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-13	3.87E-12	2.87E-13	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	9.92E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-12	6.51E-12	4.83E-13	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	1.08E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-12	7.10E-12	5.27E-13	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	1.44E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-12	9.42E-12	7.00E-13	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	1.77E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-12	1.16E-11	8.64E-13	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	2.04E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-12	1.34E-11	9.94E-13	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	1.69E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-12	1.11E-11	8.24E-13	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	6.98E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.65E-13	4.58E-12	3.40E-13	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	8.12E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-12	5.33E-12	3.96E-13	1.28E-12

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	9.65E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-12	6.33E-12	4.71E-13	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	6.74E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.32E-12	4.43E-11	3.29E-12	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	1.03E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-12	6.77E-12	5.03E-13	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	2.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-12	1.46E-11	1.09E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	5.05E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-11	3.31E-10	2.46E-11	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	3.31E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-11	2.17E-10	1.61E-11	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	8.68E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-11	5.69E-11	4.23E-12	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-3.57E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-11	-2.34E-10	-1.74E-11	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-4.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.07E-11	-2.88E-10	-2.14E-11	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	8.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.54E-10	4.11E-11	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	3.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	2.38E-10	1.77E-11	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	8.38E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-11	5.50E-11	4.09E-12	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	9.07E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	5.95E-11	4.42E-12	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	2.39E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-12	1.57E-11	1.17E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	4.23E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-12	2.78E-11	2.06E-12	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	4.07E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-12	2.67E-11	1.99E-12	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	4.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-11	2.74E-10	2.04E-11	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-10	7.44E-10	5.53E-11	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	1.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	7.50E-10	5.57E-11	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	1.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-10	6.58E-10	4.89E-11	1.57E-10
336	1142	615	7439921	Lead	0.00000984	2.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-11	1.71E-10	1.27E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	1.63E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-12	1.07E-11	7.93E-13	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	1.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	6.68E-11	4.96E-12	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	4.73E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.54E-11	3.11E-10	2.31E-11	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	1.34E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-11	8.82E-11	6.55E-12	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	6.43E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.88E-12	4.22E-11	3.13E-12	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	9.50E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	6.23E-11	4.63E-12	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	7.67E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-11	5.03E-11	3.74E-12	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	1.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-11	1.11E-10	8.24E-12	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	3.44E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-12	2.26E-11	1.68E-12	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	1.76E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-11	1.15E-10	8.57E-12	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	1.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-11	9.87E-11	7.34E-12	2.36E-11
348	1577	291	7439921	Lead	0.00000896	2.37E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-11	1.55E-10	1.16E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	6.35E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.77E-12	4.16E-11	3.09E-12	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	3.36E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-12	2.20E-11	1.64E-12	5.28E-12
351	900	935	7439921	Lead	0.0000104	2.75E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-11	1.80E-10	1.34E-11	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	6.61E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-12	4.34E-11	3.22E-12	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000601	-4.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000402	-3.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	-0.00000494	-3.91E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.91E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.00000599	-4.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.74E-10	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.00000511	-4.05E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.05E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.0000116	-9.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.18E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000191	-1.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000337	-2.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000087	6.89E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.89E-10	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000101	8.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-10	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000129	1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.000019	1.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000386	3.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000133	1.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000942	7.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000891	7.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000102	8.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.08E-09	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00011	8.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-09	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000337	2.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000181	1.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000221	1.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000192	1.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000603	4.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000256	2.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000237	1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000277	2.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.00037	2.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000595	-4.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.000131	-1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000458	-3.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000748	-5.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.92E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0002	-1.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000151	-1.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000272	-2.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.000022	-1.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.74E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000255	2.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.56E-04	2.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000183	1.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000879	-6.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000345	-2.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000086	6.81E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.81E-11	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000662	5.24E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-11	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000577	4.57E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-11	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000103	8.15E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-11	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000072	5.70E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-11	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	2.76E-09	2.19E-13	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-13	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	4.48E-09	3.55E-13	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-13	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.000000342	2.71E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-11	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	-0.00000199	-1.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000789	6.25E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-11	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000105	8.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.31E-11	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	-0.000000622	-4.92E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000256	-2.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	-7.77E-08	-6.15E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.15E-12	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000006	4.75E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.75E-11	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000161	1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000149	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000134	1.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000231	-1.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000289	-2.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.00038	3.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000142	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000238	1.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000252	2.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000723	5.72E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.72E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000587	4.65E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000131	1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000135	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000514	4.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.07E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000498	3.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000481	3.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.81E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000101	8.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.000044	-3.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.48E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.000000371	2.94E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-11	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000198	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000432	3.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000177	1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.000028	2.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.000022	1.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000581	4.60E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000991	7.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.85E-10	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000582	4.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000544	4.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000986	7.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000226	1.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000103	8.15E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.15E-10	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000818	6.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000181	1.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	-0.021	-2.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	-0.0159	-1.52E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	-0.0105	-1.00E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	-0.0111	-1.06E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	-0.00937	-8.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.97E-07	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.018	-1.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0283	-2.71E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0512	-4.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0019	1.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00415	-3.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-07	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0125	-1.20E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-1.40E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0775	-7.42E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.42E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.043	-4.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0317	-3.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.03E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0185	-1.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.0103	-9.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.86E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00594	-5.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.68E-07	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0132	1.26E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0000631	6.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.04E-09	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00862	-8.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-07	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00776	-7.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.43E-07	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0221	-2.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0133	-1.27E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00687	-6.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.57E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0225	2.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0854	8.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-06	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0632	-6.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.108	-1.03E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.104	-9.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.95E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.05	-4.79E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.79E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.0563	-5.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.39E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	-0.0171	-1.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0411	-3.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.93E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0397	-3.80E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.80E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.0011	-1.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0123	1.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00728	-6.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.97E-07	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.055	5.26E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.26E-06	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.082	-7.85E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.85E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000806	-7.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.71E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000584	-5.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.59E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000912	-8.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.73E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00166	-1.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00219	-2.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.00382	-3.66E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00446	-4.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.0039	-3.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	-0.00555	-5.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.31E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.00106	-1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0012	-1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00273	-2.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.61E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0387	-3.70E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.00274	-2.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00454	-4.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000221	2.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0174	-1.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.0207	-1.98E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0588	-5.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.63E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0871	-8.34E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.34E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0106	-1.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00829	-7.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.0026	-2.49E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00306	-2.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000945	-9.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.04E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00622	-5.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.95E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00163	-1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00433	-4.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-07	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0147	-1.41E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0179	-1.71E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-1.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00231	-2.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.024	-2.30E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.00112	-1.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00613	-5.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.87E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00455	-4.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.35E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00288	-2.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00358	-3.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00275	-2.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00359	-3.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.44E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00159	-1.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00376	-3.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.60E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00422	-4.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00398	-3.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00193	-1.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000652	-6.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.24E-08	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00849	-8.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00265	-2.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00108	5.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00104	5.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00143	7.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.46E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00161	8.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00148	7.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00484	2.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00636	3.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00414	2.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.0057	2.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00375	1.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00229	1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00178	9.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.29E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	5.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000379	-1.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000639	3.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	5.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00121	6.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0015	7.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.83E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00336	1.75E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00563	2.94E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00967	5.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.0068	3.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00698	3.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.64E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00683	3.57E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00641	3.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00643	3.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00355	1.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.0026	1.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000762	3.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000462	2.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00164	8.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-08	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00135	7.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00452	2.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.0052	2.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000384	2.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00153	7.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0162	8.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.0053	2.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000495	2.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000124	6.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000774	4.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000114	5.95E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000243	1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000269	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000382	1.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.00055	2.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000661	3.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000786	4.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000167	8.72E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000197	1.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00045	2.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00441	2.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000406	2.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000855	4.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	4.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.00081	4.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000118	6.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-09	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00105	5.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00172	8.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-08	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.0038	1.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.0029	1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	7.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	7.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	5.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000427	2.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00692	3.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00156	8.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.14E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00389	2.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000653	-3.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	5.43E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00392	2.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	2.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00374	1.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	6.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	9.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	7.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	2.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00139	7.26E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.26E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00107	5.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000488	2.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	2.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	5.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000834	4.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00162	1.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00186	1.62E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0033	2.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00377	3.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00347	3.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0118	1.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0154	1.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00947	8.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00895	7.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00518	4.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.51E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00378	3.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00129	1.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00257	-2.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000877	-7.63E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-11	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00138	1.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00181	1.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00264	2.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00662	5.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0221	1.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0497	4.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0106	9.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-09	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0121	1.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0111	9.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.66E-09	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00973	8.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-09	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0112	9.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-09	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.47E-03	3.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	5.59E-04	4.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.99E-03	-4.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.65E-03	-2.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.60E-03	1.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.89E-03	2.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.06E-02	9.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	1.06E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00194	-1.69E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.66E-03	1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.86E-02	3.36E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.44E-03	7.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00441	-3.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.70E-04	2.35E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.35E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000165	1.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000243	2.11E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000539	4.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000586	5.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000794	6.91E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00122	1.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00153	1.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.0018	1.57E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000374	3.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000443	3.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.85E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.04E-03	9.05E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.05E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0103	8.96E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.20E-04	8.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	1.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000789	6.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.0017	-1.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.00119	-1.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000654	-5.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.69E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00729	6.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00586	5.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	3.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	3.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000649	5.65E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.0024	2.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000948	8.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.00037	3.22E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00576	5.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00503	-4.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00172	1.50E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00814	7.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	9.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-09	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00832	7.24E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.24E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00473	4.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	2.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	3.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	2.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00562	4.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	9.14E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00576	5.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00311	2.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00193	1.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	8.96E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000956	8.32E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00188	1.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	1.65E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0133	-1.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00884	-7.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.69E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00257	-2.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00243	-2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00206	-1.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	-0.00104	-9.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.05E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00226	-1.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00891	-7.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.75E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00142	-1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00318	-2.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00554	-4.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.82E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00755	-6.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.57E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0175	-1.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0317	-2.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0212	-1.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0155	-1.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0148	-1.29E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0132	-1.15E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0207	-1.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0149	-1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0215	-1.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00942	-8.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.20E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0777	-6.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.76E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0645	-5.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.61E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0727	-6.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.32E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0769	-6.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.69E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0581	-5.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.067	-5.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.83E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0743	-6.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0877	-7.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0483	-4.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-07	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0309	-2.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00529	-4.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.60E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-6.82E-03	-5.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.93E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.76E-03	-5.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.88E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.68E-02	-3.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.67E-02	-2.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.59E-02	-1.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.85E-02	-5.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.09E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-6.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.38E-04	-3.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.16E-04	-2.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.79E-04	-4.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.17E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-7.31E-04	-6.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.36E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-9.50E-04	-8.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.27E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.82E-03	-1.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.59E-03	-1.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-1.20E-03	-1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-1.61E-03	-1.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.57E-04	-3.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.98E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-5.04E-04	-4.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-8.77E-04	-7.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-6.41E-03	-5.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.58E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-9.69E-04	-8.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.92E-03	-1.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.95E-02	-1.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.53E-02	-1.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.55E-02	-2.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.82E-02	-4.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.25E-02	-5.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.44E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.60E-02	-2.26E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.62E-02	-1.41E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.48E-03	-1.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.73E-03	-1.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-7.05E-04	-6.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.13E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.14E-03	-2.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.27E-03	-1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.20E-02	-1.04E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.43E-02	-3.85E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.85E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.85E-02	-4.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.38E-02	-3.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.05E-02	-9.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.14E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-1.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.40E-02	-1.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.10E-02	-9.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.57E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.41E-03	-3.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-2.02E-03	-1.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.72E-03	-2.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.87E-03	-1.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.40E-03	-2.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.02E-03	-8.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.11E-03	-2.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.99E-03	-3.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.95E-03	-7.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.79E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.16E-03	-1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.82E-04	-7.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.67E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.41E-03	-6.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.92E-03	-1.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-4.20E-03	-3.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.18E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.85E-03	-2.16E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-1.05E-03	-7.95E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-1.05E-03	-7.95E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-9.06E-04	-6.86E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.86E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.26E-03	-9.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.54E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.92E-03	-1.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.48E-03	-2.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.54E-03	-1.17E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.69E-03	-1.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.11E-03	-1.60E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.61E-03	-1.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00545	-4.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.0095	-7.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.19E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00647	-4.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00485	-3.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00467	-3.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00425	-3.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00688	-5.21E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.21E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00557	-4.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00833	-6.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.31E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00685	-5.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0246	-1.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0207	-1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0231	-1.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0243	-1.84E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.84E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0187	-1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0228	-1.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0264	-2.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0146	-1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00959	-7.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.26E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00185	-1.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00293	-2.22E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.22E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00304	-2.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0111	-8.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.40E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00832	-6.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.30E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00795	-6.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0186	-1.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000156	-1.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.00011	-8.33E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.33E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000166	-1.26E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000267	-2.02E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.02E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000338	-2.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.00062	-4.69E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.69E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000584	-4.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000489	-3.70E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.70E-10	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000636	-4.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.00017	-1.29E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000189	-1.43E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000351	-2.66E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.78E-03	-2.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.70E-04	-2.80E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.44E-04	-5.63E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.63E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.40E-03	-5.60E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.60E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00476	-3.60E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.60E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00766	-5.80E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.80E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0147	-1.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0191	-1.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00853	-6.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.41E-03	-4.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.09E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.37E-04	-5.58E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.58E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000817	-6.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.18E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000268	-2.03E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00115	-8.70E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000465	-3.52E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00497	-3.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.76E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0136	-1.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0153	-1.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.013	-9.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.84E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00337	-2.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00642	-4.86E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00514	-3.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.89E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00402	-3.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00173	-1.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000843	-6.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00116	-8.78E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.78E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000844	-6.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.39E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.49E-03	-1.13E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.97E-04	-3.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00141	-1.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00147	-1.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00289	-2.19E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.44E-04	-5.63E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.63E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.46E-04	-2.62E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.42E-03	-1.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.00074	-5.60E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.60E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00641	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00656	1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.01	1.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0114	2.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0104	1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0347	6.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.34E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0455	8.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.31E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0289	5.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0409	7.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	4.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0159	2.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	2.19E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00599	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00355	-6.49E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.49E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00241	4.40E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.006	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00717	1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00941	1.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.20E-02	4.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.039	7.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0673	1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	2.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.09E-02	7.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0436	7.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.97E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.17E-02	7.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.82E-02	6.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.98E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0402	7.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0186	3.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.011	2.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00358	-6.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.54E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.00167	-3.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.05E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00859	1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00913	1.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0318	5.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0367	6.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.71E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.00104	-1.90E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00823	1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	2.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0321	5.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.86E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00388	-7.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.09E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000845	1.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000525	9.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.59E-10	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000772	1.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.67E-03	3.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00184	3.36E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00256	4.68E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00379	6.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00463	8.46E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00549	1.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.15E-03	2.10E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00136	2.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00315	5.76E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0311	5.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00282	5.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00595	1.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00424	7.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.00178	-3.25E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00258	4.7137E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7137E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00595	1.0871E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0871E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0246	4.4944E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4944E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0192	3.5078E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5078E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	1.9366E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9366E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	1.9732E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9732E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	3.6357E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6357E-09	0	0	0

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00744	1.3593E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3593E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00294	5.3714E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3714E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	8.8792E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8792E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00667	1.2186E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2186E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.023	4.2021E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2021E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00922	-1.6845E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6845E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00638	1.1656E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1656E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	4.7867E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7867E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	5.9743E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9743E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0258	4.7137E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7137E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	2.6309E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6309E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00854	1.5603E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5603E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	2.2289E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2289E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	1.8635E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8635E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	3.0876E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0876E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	5.8647E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8647E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	3.1607E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1607E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00961	1.7557E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7557E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00679	1.2405E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2405E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00328	5.9926E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.9926E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00291	5.3166E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3166E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00644	1.1766E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1766E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	1.0597E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0597E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Alternative 4 RAST Output 30 Year Resident 16-30 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000799	-8.3416E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.3416E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000454	-4.7398E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7398E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.00014	1.4616E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4616E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000195	2.0358E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0358E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000193	2.0149E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0149E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00109	1.138E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.138E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00135	1.4094E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4094E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.00029	3.0276E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0276E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00126	1.3154E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3154E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000651	6.7964E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7964E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000111	1.1588E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1588E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000172	-1.7957E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7957E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00113	-1.1797E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1797E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00253	-2.6413E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6413E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00153	-1.5973E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5973E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000979	-1.0221E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0221E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000886	-9.2498E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2498E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00069	-7.2036E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2036E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000843	-8.8009E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.8009E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000173	1.8061E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8061E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000624	6.5146E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5146E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00421	4.3952E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3952E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00455	-4.7502E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7502E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00345	-3.6018E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6018E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00414	-4.3222E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3222E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00458	-4.7815E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7815E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00308	-3.2155E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2155E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00448	-4.6771E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6771E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00529	-5.5228E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5228E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.0068	-7.0992E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.0992E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00374	-3.9046E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9046E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00207	-2.1611E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1611E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.000097	-1.0127E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0127E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000548	5.7211E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7211E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000715	7.4646E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4646E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00284	-2.965E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.965E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00176	-1.8374E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8374E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00265	2.7666E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7666E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00338	-3.5287E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.5287E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-5.8568E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8568E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000505	-5.2722E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.2722E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000647	-6.7547E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.7547E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.0000106	-1.1066E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1066E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000368	3.8419E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8419E-12	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.0000108	-1.1275E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1275E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.000053	-5.5332E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5332E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000594	6.2014E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2014E-11	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000064	6.6816E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.6816E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000615	6.4206E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4206E-10	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000039	4.0716E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0716E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000732	7.6421E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6421E-11	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000388	4.0507E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0507E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000555	5.7942E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7942E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000207	2.1611E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1611E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000053	5.5332E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5332E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000374	3.9046E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9046E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00103	-1.0753E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0753E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.002	-2.088E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.088E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00359	-3.748E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.748E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00456	-4.7606E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7606E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00115	-1.2006E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2006E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000587	-6.1283E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1283E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000242	2.5265E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5265E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000232	2.4221E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4221E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000013	1.3572E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3572E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000101	1.0544E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0544E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000151	1.5764E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5764E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000711	7.4228E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4228E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00316	-3.299E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.299E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00293	-3.0589E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0589E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00364	-3.8002E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8002E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.00059	-6.1596E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1596E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000556	-5.8046E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.8046E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.000029	3.0276E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0276E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000281	2.9336E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9336E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000148	1.5451E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5451E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000133	1.3885E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3885E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000201	2.0984E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0984E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000201	2.0984E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0984E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000308	3.2155E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2155E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000297	3.1007E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1007E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000343	3.5809E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5809E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.000018	1.8792E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8792E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000454	-4.7398E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7398E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000546	-5.7002E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.7002E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000305	3.1842E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1842E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000349	-3.6436E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6436E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000479	5.0008E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0008E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0293	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0194	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.00333	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	-0.00376	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	-0.00309	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.00645	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0103	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0173	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00553	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00465	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00388	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:34:32 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_16-30_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00541	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00251	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.042	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0291	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0294	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0369	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.042	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.14	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0728	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0837	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0716	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.239	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0946	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0856	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.107	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.164	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.266	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0609	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.2	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.04	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0943	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	-0.00814	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0147	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.011	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.149	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0685	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	-0.0345	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000317	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000226	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00018	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000209	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000132	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	-0.0003	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	-0.000398	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	-0.000327	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	-0.00144	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000237	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000315	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	-0.000535	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	-0.000343	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	-0.000224	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0673	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0598	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	-0.00121	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0979	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.121	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.156	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0572	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00944	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0097	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00256	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00474	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0553	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.201	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.193	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.191	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0379	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	-0.0171	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.00361	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0811	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0176	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00716	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0115	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00895	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0236	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00353	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0232	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0213	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0386	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00821	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00407	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0147	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00618	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-2.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.24E-09	-1.88E-08	-1.23E-09	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-1.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	-1.27E-08	-8.33E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-1.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-10	-8.47E-10	-5.56E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-1.53E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-10	-1.24E-09	-8.11E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-1.42E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-10	-1.14E-09	-7.51E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-3.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.22E-10	-3.03E-09	-1.99E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-6.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.00E-10	-5.23E-09	-3.43E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-09	-9.85E-09	-6.46E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	2.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.00E-10	1.74E-09	1.14E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	4.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-10	3.37E-09	2.21E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	7.27E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	5.87E-09	3.85E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-09	8.86E-09	5.81E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	3.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.21E-09	2.44E-08	1.60E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	7.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	5.87E-08	3.85E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	5.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-09	4.22E-08	2.77E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	4.76E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-09	3.85E-08	2.53E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	5.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-09	4.18E-08	2.74E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	5.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.39E-09	4.29E-08	2.82E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	1.53E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-08	1.24E-07	8.11E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	8.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	6.87E-08	4.51E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	8.73E-08	5.73E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	9.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	7.65E-08	5.02E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	2.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.96E-08	2.30E-07	1.51E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	1.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	1.03E-07	6.75E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	1.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	9.68E-08	6.35E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	1.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-08	1.08E-07	7.06E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	1.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	1.28E-07	8.39E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-2.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-08	-2.04E-07	-1.34E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-5.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-09	-4.29E-08	-2.82E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-1.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-08	-1.61E-07	-1.05E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-2.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-09	-2.07E-08	-1.36E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-8.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-08	-6.48E-08	-4.25E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-5.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.07E-10	-4.10E-09	-2.69E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-9.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-09	-7.43E-09	-4.88E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-8.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-09	-6.65E-09	-4.36E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	1.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-08	8.86E-08	5.81E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	1.60E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-08	1.30E-07	8.50E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	9.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	7.30E-08	4.79E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-4.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.82E-09	-3.38E-08	-2.22E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-08	-1.26E-07	-8.25E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	4.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.96E-11	3.46E-10	2.27E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	3.47E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-11	2.80E-10	1.84E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	3.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-11	2.57E-10	1.68E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	6.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.37E-11	5.44E-10	3.57E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	4.83E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-11	3.91E-10	2.56E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	2.84E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-11	2.29E-10	1.51E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	3.77E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-11	3.05E-10	2.00E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	5.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-11	4.79E-10	3.15E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-3.33E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.63E-11	-2.69E-10	-1.76E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	4.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.18E-11	3.59E-10	2.36E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	5.94E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.26E-11	4.79E-10	3.15E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-2.28E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-12	-1.84E-11	-1.21E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-8.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-09	-7.00E-09	-4.59E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	2.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.56E-11	2.07E-10	1.36E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	7.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.97E-11	5.79E-10	3.80E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	7.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.92E-08	3.88E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	7.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.74E-09	5.66E-08	3.71E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	1.00E-08	6.58E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	-8.34E-08	-5.47E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	-1.05E-07	-6.92E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	1.74E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	1.41E-07	9.24E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	6.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-09	5.36E-08	3.51E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	1.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-09	9.11E-09	5.98E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-09	9.85E-09	6.46E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	3.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.15E-10	2.99E-09	1.96E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	3.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-10	2.90E-09	1.90E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	6.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.22E-10	5.36E-09	3.51E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-09	5.01E-08	3.29E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	2.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	1.98E-07	1.30E-08	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	2.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-08	1.93E-07	1.27E-08	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	2.27E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	1.83E-07	1.20E-08	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	4.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-09	4.01E-08	2.63E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-09	-1.70E-08	-1.12E-09	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-3.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.28E-10	-2.48E-09	-1.63E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	9.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	7.34E-08	4.82E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	1.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-09	1.61E-08	1.06E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	8.23E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-09	6.65E-09	4.36E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	1.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	1.04E-08	6.83E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-09	8.21E-09	5.39E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	2.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-09	2.17E-08	1.42E-09	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	5.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-10	4.08E-09	2.68E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	2.74E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-09	2.22E-08	1.45E-09	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	2.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-09	2.10E-08	1.37E-09	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	4.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-09	3.81E-08	2.50E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-09	9.20E-09	6.04E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	4.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-10	3.94E-09	2.58E-10	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	5.51E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-09	4.45E-08	2.92E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	9.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	7.69E-09	5.05E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-4.00E-06	-1.32E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-06	-5.76E-08	-1.26E-09	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.65E-06	-8.77E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.38E-07	-3.82E-08	-8.35E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	-1.52E-07	-5.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.81E-08	-2.19E-09	-4.79E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	-2.10E-07	-6.95E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.64E-08	-3.02E-09	-6.61E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	-2.00E-07	-6.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.32E-08	-2.88E-09	-6.30E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-5.09E-07	-1.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-07	-7.33E-09	-1.60E-10	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-7.44E-07	-2.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-07	-1.07E-08	-2.34E-10	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.82E-06	-6.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.75E-07	-2.62E-08	-5.73E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.27E-06	4.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-07	1.83E-08	4.00E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.18E-06	3.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-07	1.70E-08	3.72E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.31E-06	4.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-07	1.89E-08	4.13E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.75E-06	5.79E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-07	2.52E-08	5.51E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.70E-06	1.22E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-06	5.33E-08	1.17E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.05E-05	3.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-06	1.51E-07	3.31E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.58E-06	2.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-06	1.09E-07	2.39E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.12E-06	2.36E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-06	1.03E-07	2.24E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.00E-06	2.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-06	1.15E-07	2.52E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.49E-06	2.81E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.68E-06	1.22E-07	2.67E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.50E-05	8.27E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.90E-06	3.60E-07	7.87E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.40E-05	4.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-06	2.02E-07	4.41E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.73E-05	5.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.47E-06	2.49E-07	5.45E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.60E-05	5.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-06	2.30E-07	5.04E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.55E-05	1.51E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-05	6.55E-07	1.43E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.02E-05	6.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-06	2.91E-07	6.36E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.89E-05	6.25E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.97E-06	2.72E-07	5.95E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.15E-05	7.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-06	3.10E-07	6.77E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.73E-05	9.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.63E-06	3.93E-07	8.60E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.17E-05	-1.38E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-05	-6.00E-07	-1.31E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-8.57E-06	-2.84E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-06	-1.23E-07	-2.70E-09	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.23E-05	-1.07E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-05	-4.65E-07	-1.02E-08	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-4.73E-06	-1.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-06	-6.81E-08	-1.49E-09	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.38E-05	-4.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-06	-1.99E-07	-4.35E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-8.52E-07	-2.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-07	-1.23E-08	-2.68E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.34E-06	-4.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-07	-1.93E-08	-4.22E-10	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.93E-07	-2.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.82E-07	-1.29E-08	-2.81E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.87E-05	6.19E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-06	2.69E-07	5.89E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.62E-05	8.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.28E-06	3.77E-07	8.25E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.52E-05	5.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-06	2.19E-07	4.79E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-5.71E-06	-1.89E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-06	-8.22E-08	-1.80E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.46E-05	-8.14E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.78E-06	-3.54E-07	-7.75E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	8.40E-08	2.78E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	1.21E-09	2.65E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	6.49E-08	2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	9.34E-10	2.04E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	6.51E-08	2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	9.37E-10	2.05E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.17E-07	3.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-08	1.68E-09	3.68E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	9.95E-08	3.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	1.43E-09	3.13E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	7.31E-08	2.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-08	1.05E-09	2.30E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	9.12E-08	3.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	1.31E-09	2.87E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.27E-07	4.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-08	1.83E-09	4.00E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	-3.44E-08	-1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	-4.95E-10	-1.08E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	8.46E-08	2.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.67E-08	1.22E-09	2.66E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.07E-07	3.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-08	1.54E-09	3.37E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.13E-08	3.74E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-09	1.63E-10	3.56E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.25E-06	-4.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-07	-1.80E-08	-3.94E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	5.03E-08	1.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	7.24E-10	1.58E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	1.52E-07	5.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.81E-08	2.19E-09	4.79E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.26E-05	4.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-06	1.81E-07	3.97E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.11E-05	3.67E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-06	1.60E-07	3.50E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.45E-06	4.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.58E-07	2.09E-08	4.57E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.64E-05	-5.43E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-06	-2.36E-07	-5.16E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-2.05E-05	-6.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.48E-06	-2.95E-07	-6.46E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.82E-05	9.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.91E-06	4.06E-07	8.88E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.08E-05	3.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-06	1.56E-07	3.40E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.92E-06	6.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-07	2.76E-08	6.05E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.05E-06	6.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	2.95E-08	6.46E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	5.85E-07	1.94E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-07	8.42E-09	1.84E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	5.95E-07	1.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-07	8.57E-09	1.87E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.05E-06	3.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-07	1.51E-08	3.31E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.05E-05	3.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.32E-06	1.51E-07	3.31E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.85E-05	1.27E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-05	5.54E-07	1.21E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.75E-05	1.24E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-05	5.40E-07	1.18E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	3.56E-05	1.18E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-05	5.13E-07	1.12E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	7.76E-06	2.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-06	1.12E-07	2.44E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-2.78E-06	-9.20E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.79E-07	-4.00E-08	-8.75E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.78E-07	1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	5.44E-09	1.19E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.48E-05	4.90E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-06	2.13E-07	4.66E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.38E-06	1.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	4.87E-08	1.06E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.43E-06	4.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-07	2.06E-08	4.50E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.23E-06	7.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-07	3.21E-08	7.02E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.76E-06	5.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-07	2.53E-08	5.54E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.50E-06	1.49E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-06	6.48E-08	1.42E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.08E-07	2.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	1.16E-08	2.54E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.56E-06	1.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	6.57E-08	1.44E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.20E-06	1.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-06	6.05E-08	1.32E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	7.47E-06	2.47E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-06	1.08E-07	2.35E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.77E-06	5.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-07	2.55E-08	5.57E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.17E-07	2.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-07	1.18E-08	2.57E-10	0.00E+00
263	900	935	18540299	Cr(VI)	7.04E-06	2.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	1.01E-07	2.22E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.50E-06	4.96E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-07	2.16E-08	4.72E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-6.42E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-11	-5.56E-10	-1.82E-11	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-3.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.25E-11	-3.06E-10	-1.00E-11	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	3.06E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-11	2.64E-10	8.67E-12	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	3.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-11	2.84E-10	9.32E-12	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	2.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-11	2.06E-10	6.76E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	4.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-11	3.92E-10	1.28E-11	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	9.93E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.14E-11	8.59E-10	2.82E-11	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	5.91E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.44E-11	5.12E-10	1.68E-11	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	1.84E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	1.59E-09	5.21E-11	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	1.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	1.12E-09	3.67E-11	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	1.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-11	8.93E-10	2.93E-11	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	1.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	9.42E-10	3.09E-11	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	1.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-10	1.71E-09	5.60E-11	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	3.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-10	3.30E-09	1.08E-10	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	2.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-10	2.55E-09	8.35E-11	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	2.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-10	2.42E-09	7.93E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	3.06E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-10	2.64E-09	8.67E-11	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	3.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.94E-10	2.77E-09	9.07E-11	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	7.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-10	6.90E-09	2.26E-10	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	5.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-10	4.63E-09	1.52E-10	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	6.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-10	6.05E-09	1.98E-10	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	8.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-10	7.07E-09	2.32E-10	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	1.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	1.34E-08	4.38E-10	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	8.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-10	7.17E-09	2.35E-10	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	7.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.29E-10	6.85E-09	2.25E-10	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	8.35E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.68E-10	7.22E-09	2.37E-10	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	9.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-10	7.96E-09	2.61E-10	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-9.71E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.93E-10	-8.40E-09	-2.75E-10	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-9.00E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.28E-11	-7.78E-10	-2.55E-11	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-7.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.03E-10	-6.61E-09	-2.17E-10	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-4.61E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-11	-3.99E-10	-1.31E-11	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-2.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-10	-2.55E-09	-8.35E-11	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	1.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-11	1.24E-10	4.08E-12	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	7.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.82E-11	6.41E-10	2.10E-11	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	1.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	9.64E-10	3.16E-11	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	5.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-10	5.09E-09	1.67E-10	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	8.18E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-10	7.07E-09	2.32E-10	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	7.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.16E-10	6.73E-09	2.21E-10	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-7.56E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.95E-13	-6.54E-12	-2.14E-13	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-5.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.49E-10	-5.16E-09	-1.69E-10	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	6.62E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.09E-12	5.73E-11	1.88E-12	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	5.01E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-12	4.33E-11	1.42E-12	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	6.31E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-12	5.46E-11	1.79E-12	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	1.06E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.76E-12	9.18E-11	3.01E-12	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	1.16E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-11	1.00E-10	3.28E-12	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	1.54E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	1.33E-10	4.36E-12	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	1.90E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-11	1.64E-10	5.38E-12	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	2.18E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-11	1.89E-10	6.19E-12	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	1.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-11	1.56E-10	5.13E-12	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	7.47E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.87E-12	6.46E-11	2.12E-12	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	8.69E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.99E-12	7.51E-11	2.47E-12	1.28E-12

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	1.03E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-12	8.93E-11	2.93E-12	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	7.22E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.64E-11	6.24E-10	2.05E-11	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	1.10E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-11	9.55E-11	3.13E-12	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	2.39E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-11	2.06E-10	6.77E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	5.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-10	4.68E-09	1.53E-10	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	3.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-10	3.06E-09	1.00E-10	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	9.28E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-11	8.03E-10	2.63E-11	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-3.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-10	-3.30E-09	-1.08E-10	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-4.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.32E-10	-4.06E-09	-1.33E-10	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	9.03E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-10	7.81E-09	2.56E-10	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	3.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-10	3.35E-09	1.10E-10	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	8.97E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.25E-11	7.76E-10	2.55E-11	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	9.71E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-11	8.40E-10	2.75E-11	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	2.56E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-11	2.22E-10	7.27E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	4.53E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-11	3.92E-10	1.28E-11	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	4.36E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-11	3.77E-10	1.24E-11	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	4.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.11E-10	3.87E-09	1.27E-10	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	1.05E-08	3.45E-10	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	1.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-09	1.06E-08	3.47E-10	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-10	9.28E-09	3.04E-10	1.57E-10
336	1142	615	7439921	Lead	0.00000984	2.78E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	2.41E-09	7.90E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	1.74E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-11	1.51E-10	4.94E-12	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	1.09E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	9.42E-10	3.09E-11	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	5.07E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-10	4.38E-09	1.44E-10	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-10	1.24E-09	4.08E-11	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	6.88E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-11	5.95E-10	1.95E-11	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.35E-11	8.79E-10	2.88E-11	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	8.21E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.55E-11	7.10E-10	2.33E-11	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	1.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-10	1.56E-09	5.13E-11	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	3.68E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-11	3.18E-10	1.04E-11	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	1.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-10	1.63E-09	5.34E-11	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	1.61E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	1.39E-09	4.57E-11	2.36E-11
348	1577	291	7439921	Lead	0.00000896	2.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-10	2.19E-09	7.20E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	6.79E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-11	5.87E-10	1.93E-11	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	3.59E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-11	3.11E-10	1.02E-11	5.28E-12
351	900	935	7439921	Lead	0.0000104	2.94E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-10	2.55E-09	8.35E-11	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	7.08E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-11	6.12E-10	2.01E-11	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000601	-3.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000402	-2.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-08	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	-0.00000494	-2.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.00000599	-3.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.38E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.00000511	-2.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.0000116	-6.54E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.54E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000191	-1.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-08	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000337	-1.90E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000087	4.91E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000101	5.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000129	7.28E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.000019	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000386	2.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000133	7.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000942	5.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.31E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000891	5.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.03E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000102	5.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.75E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00011	6.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000337	1.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000181	1.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000221	1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000192	1.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000603	3.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000256	1.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000237	1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000277	1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.00037	2.09E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000595	-3.36E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.36E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.000131	-7.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000458	-2.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000748	-4.22E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.22E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0002	-1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000151	-8.52E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.52E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000272	-1.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-08	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.000022	-1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000255	1.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.56E-04	2.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000183	1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000879	-4.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000345	-1.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000086	4.85E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000662	3.73E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000577	3.25E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000103	5.81E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000072	4.06E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	2.76E-09	1.56E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-12	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	4.48E-09	2.53E-12	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-12	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.000000342	1.93E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	-0.00000199	-1.12E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000789	4.45E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.45E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000105	5.92E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	-0.000000622	-3.51E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000256	-1.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	-7.77E-08	-4.38E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-11	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000006	3.38E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000161	9.08E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.08E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000149	8.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000134	7.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000231	-1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000289	-1.63E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-07	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.00038	2.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000142	8.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000238	1.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000252	1.42E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000723	4.08E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000587	3.31E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000131	7.39E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.39E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000135	7.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000514	2.90E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000498	2.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000481	2.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000101	5.70E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.000044	-2.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-08	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.000000371	2.09E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-10	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000198	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000432	2.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000177	9.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.000028	1.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.000022	1.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000581	3.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000991	5.59E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.59E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000582	3.28E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000544	3.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000986	5.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.56E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000226	1.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000103	5.81E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000818	4.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000181	1.02E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	-0.021	-1.43E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	-0.0159	-1.08E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	-0.0105	-7.16E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.16E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	-0.0111	-7.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.57E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	-0.00937	-6.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.39E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.018	-1.23E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-05	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0283	-1.93E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-05	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0512	-3.49E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0019	1.30E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00415	-2.83E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0125	-8.52E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.52E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-9.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.95E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0775	-5.28E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.043	-2.93E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0317	-2.16E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0185	-1.26E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-05	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.0103	-7.02E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.02E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00594	-4.05E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.05E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0132	9.00E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.00E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0000631	4.30E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.30E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00862	-5.88E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.88E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00776	-5.29E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.29E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0221	-1.51E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0133	-9.07E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.07E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00687	-4.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0225	1.53E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0854	5.82E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.82E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0632	-4.31E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.108	-7.36E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.36E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.104	-7.09E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.09E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.05	-3.41E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.41E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.0563	-3.84E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	-0.0171	-1.17E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0411	-2.80E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0397	-2.71E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.0011	-7.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.50E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0123	8.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00728	-4.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.055	3.75E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.082	-5.59E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.59E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000806	-5.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000584	-3.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.98E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000912	-6.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.22E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00166	-1.13E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-06	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00219	-1.49E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.00382	-2.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00446	-3.04E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.0039	-2.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.66E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	-0.00555	-3.78E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.78E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.00106	-7.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.23E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0012	-8.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00273	-1.86E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0387	-2.64E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.00274	-1.87E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00454	-3.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000221	1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0174	-1.19E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-05	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.0207	-1.41E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-05	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0588	-4.01E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.01E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0871	-5.94E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.94E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0106	-7.23E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.23E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00829	-5.65E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.65E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.0026	-1.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00306	-2.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000945	-6.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.44E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00622	-4.24E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00163	-1.11E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-06	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00433	-2.95E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0147	-1.00E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-05	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0179	-1.22E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-05	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-9.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.68E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00231	-1.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.024	-1.64E-05	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.00112	-7.64E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.64E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00613	-4.18E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00455	-3.10E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00288	-1.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00358	-2.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00275	-1.88E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00359	-2.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.45E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00159	-1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00376	-2.56E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00422	-2.88E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00398	-2.71E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00193	-1.32E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-06	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000652	-4.45E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00849	-5.79E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.79E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00265	-1.81E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00108	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00104	3.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00143	5.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00161	5.99E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.99E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00148	5.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00484	1.80E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00636	2.37E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.37E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00414	1.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.0057	2.12E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00375	1.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00229	8.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.52E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00178	6.62E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000379	-1.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000639	2.38E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	3.94E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00121	4.50E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.50E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0015	5.58E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00336	1.25E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00563	2.09E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00967	3.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	7.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.0068	2.53E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00698	2.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00683	2.54E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00641	2.38E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00643	2.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00355	1.32E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.0026	9.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.67E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000762	2.83E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000462	1.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00164	6.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.10E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00135	5.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00452	1.68E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.0052	1.93E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000384	1.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00153	5.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0162	6.03E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.0053	1.97E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000495	1.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000124	4.61E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000774	2.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000114	4.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000243	9.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000269	1.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000382	1.42E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.00055	2.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000661	2.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000786	2.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000167	6.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000197	7.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00045	1.67E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00441	1.64E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000406	1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000855	3.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	2.97E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.00081	3.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000118	4.39E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00105	3.91E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00172	6.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.0038	1.41E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.0029	1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	5.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	5.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.69E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	1.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	4.02E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000427	1.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00692	2.57E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00156	5.80E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00389	1.45E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000653	-2.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.43E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	3.87E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00392	1.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	1.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00374	1.39E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	7.70E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.70E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	4.54E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.54E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	6.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	5.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.39E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	8.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.93E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	1.71E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	9.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.11E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00139	5.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00107	3.98E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000488	1.81E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	1.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	3.72E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000834	3.10E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00162	1.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00186	1.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0033	2.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00377	2.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00347	2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0118	7.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0154	9.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.55E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00947	5.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	8.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.62E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00895	5.55E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00518	3.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00378	2.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00129	8.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00257	-1.59E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000877	-5.44E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.44E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00138	8.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.55E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00181	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00264	1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00662	4.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.87E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0221	1.37E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0497	3.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0106	6.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0121	7.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.50E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0111	6.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.88E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00973	6.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0112	6.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.47E-03	2.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	5.59E-04	3.47E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.47E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.99E-03	-3.09E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.09E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.65E-03	-1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.60E-03	9.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.92E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.89E-03	1.79E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.06E-02	6.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	7.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00194	-1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-08	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.66E-03	1.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.86E-02	2.39E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.44E-03	5.23E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00441	-2.73E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.70E-04	1.67E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000165	1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000243	1.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000539	3.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000586	3.63E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000794	4.92E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00122	7.56E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00153	9.48E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.48E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.0018	1.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000374	2.32E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000443	2.75E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.04E-03	6.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.45E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0103	6.38E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.20E-04	5.70E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	1.21E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000789	4.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.89E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.0017	-1.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.00119	-7.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.38E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000654	-4.05E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.05E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00729	4.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00586	3.63E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	2.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	2.24E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000649	4.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.0024	1.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000948	5.88E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	9.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.98E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.00037	2.29E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.29E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00576	3.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00503	-3.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00172	1.07E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00814	5.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.05E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	6.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00832	5.16E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.16E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00473	2.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.93E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	1.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	2.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	2.11E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00562	3.48E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	6.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00576	3.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.57E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00311	1.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00193	1.20E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	6.38E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.38E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000956	5.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.93E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00188	1.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	1.18E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0133	-8.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.24E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00884	-5.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.48E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00257	-1.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-07	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00243	-1.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-07	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00206	-1.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-07	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	-0.00104	-6.45E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00226	-1.40E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-07	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00891	-5.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00142	-8.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.80E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00318	-1.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-07	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00554	-3.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00755	-4.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0175	-1.08E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0317	-1.96E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0212	-1.31E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0155	-9.61E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.61E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0148	-9.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0132	-8.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0207	-1.28E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0149	-9.24E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.24E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0215	-1.33E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00942	-5.84E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.84E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0777	-4.82E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.82E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0645	-4.00E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0727	-4.51E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0769	-4.77E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0581	-3.60E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.60E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.067	-4.15E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.15E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0743	-4.61E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0877	-5.44E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.44E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0483	-2.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-06	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0309	-1.92E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00529	-3.28E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-6.82E-03	-4.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.76E-03	-4.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.68E-02	-2.28E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.67E-02	-1.66E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.59E-02	-9.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.86E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.85E-02	-3.63E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-4.46E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.46E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.38E-04	-2.72E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.16E-04	-1.96E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.79E-04	-2.97E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.97E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-7.31E-04	-4.53E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.53E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-9.50E-04	-5.89E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.89E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.82E-03	-1.13E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.59E-03	-9.86E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.86E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-1.20E-03	-7.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.44E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-1.61E-03	-9.98E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.98E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.57E-04	-2.83E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.83E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-5.04E-04	-3.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.12E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-8.77E-04	-5.44E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.44E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-6.41E-03	-3.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-9.69E-04	-6.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.01E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.92E-03	-1.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.95E-02	-1.21E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-06	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.53E-02	-9.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.55E-02	-1.58E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.82E-02	-2.99E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.25E-02	-3.87E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.87E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.60E-02	-1.61E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.61E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.62E-02	-1.00E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-06	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.48E-03	-9.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.73E-03	-1.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-7.05E-04	-4.37E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.37E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.14E-03	-1.95E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.27E-03	-7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.20E-02	-7.44E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.44E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.43E-02	-2.75E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.75E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.85E-02	-3.01E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.01E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.38E-02	-2.72E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.05E-02	-6.51E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.51E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-1.17E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-06	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.40E-02	-8.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.68E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.10E-02	-6.82E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.82E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.41E-03	-2.73E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-2.02E-03	-1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-07	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.72E-03	-1.69E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.87E-03	-1.16E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.40E-03	-2.11E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.02E-03	-6.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.32E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.11E-03	-1.93E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.99E-03	-2.47E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.95E-03	-5.55E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.16E-03	-1.34E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.82E-04	-5.47E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.41E-03	-4.59E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.59E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.92E-03	-1.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-4.20E-03	-2.27E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.85E-03	-1.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-08	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-1.05E-03	-5.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-1.05E-03	-5.66E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-9.06E-04	-4.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.26E-03	-6.79E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.79E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.92E-03	-1.04E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-08	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.48E-03	-1.88E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.54E-03	-8.30E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.30E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.69E-03	-9.11E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.11E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.11E-03	-1.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.61E-03	-1.41E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00545	-2.94E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.94E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.0095	-5.12E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.12E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00647	-3.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00485	-2.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00467	-2.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00425	-2.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00688	-3.71E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00557	-3.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00833	-4.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.49E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00685	-3.69E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0246	-1.33E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0207	-1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0231	-1.25E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0243	-1.31E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0187	-1.01E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0228	-1.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0264	-1.42E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0146	-7.87E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.87E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00959	-5.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00185	-9.98E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.98E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00293	-1.58E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-08	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00304	-1.64E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0111	-5.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.99E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00832	-4.49E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.49E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00795	-4.29E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.29E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0186	-1.00E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-1.17E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000156	-8.41E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.41E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.00011	-5.93E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.93E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000166	-8.95E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000267	-1.44E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-09	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000338	-1.82E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.00062	-3.34E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.34E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000584	-3.15E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000489	-2.64E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.64E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000636	-3.43E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.00017	-9.17E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.17E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000189	-1.02E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000351	-1.89E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.78E-03	-1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-08	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.70E-04	-2.00E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.44E-04	-4.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.01E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.40E-03	-3.99E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00476	-2.57E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.57E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00766	-4.13E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0147	-7.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0191	-1.03E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-07	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00853	-4.60E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.60E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.41E-03	-2.92E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.37E-04	-3.97E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000817	-4.41E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.41E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000268	-1.45E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00115	-6.20E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.20E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000465	-2.51E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00497	-2.68E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0136	-7.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.33E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0153	-8.25E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.013	-7.01E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.01E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00337	-1.82E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00642	-3.46E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00514	-2.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00402	-2.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00173	-9.33E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000843	-4.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.55E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00116	-6.26E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000844	-4.55E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.55E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.49E-03	-8.04E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.04E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.97E-04	-2.14E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00141	-7.60E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.60E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00147	-7.93E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.93E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00289	-1.56E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.44E-04	-4.01E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.01E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.46E-04	-1.87E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.42E-03	-1.31E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.00074	-3.99E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00641	8.34E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.34E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00656	8.54E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.54E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.01	1.30E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0114	1.48E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0104	1.35E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0347	4.52E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.52E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0455	5.92E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0289	3.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0409	5.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	3.46E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0159	2.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	1.56E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00599	7.80E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.80E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00355	-4.62E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00241	3.14E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.006	7.81E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00717	9.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00941	1.22E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.20E-02	2.86E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.039	5.08E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.08E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0673	8.76E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	1.91E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.09E-02	5.32E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0436	5.68E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.17E-02	5.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.82E-02	4.97E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.97E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0402	5.23E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.23E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0186	2.42E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.011	1.43E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00358	-4.66E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.00167	-2.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00859	1.12E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00913	1.19E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0318	4.14E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0367	4.78E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.00104	-1.35E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00823	1.07E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	1.50E-06	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0321	4.18E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00388	-5.05E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000845	1.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000525	6.83E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000772	1.00E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.67E-03	2.17E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00184	2.40E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00256	3.33E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00379	4.93E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00463	6.03E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00549	7.15E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.15E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.15E-03	1.50E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00136	1.77E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00315	4.10E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0311	4.05E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.05E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00282	3.67E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00595	7.75E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	7.21E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00424	5.52E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.52E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.00178	-2.32E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-08	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00258	3.3584E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3584E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00595	7.7451E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7451E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0246	3.2022E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2022E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0192	2.4993E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4993E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	1.3798E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3798E-07	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	1.4058E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4058E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	2.5904E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5904E-08	0	0	0

Alternative 4 RAST Output 30 Year Resident 00-30 (2035 Start) Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00744	9.6847E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6847E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00294	3.827E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.827E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	6.3263E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3263E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00667	8.6823E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6823E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.023	2.9939E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9939E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00922	-1.2002E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2002E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00638	8.3049E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3049E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	3.4105E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4105E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	4.2566E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2566E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0258	3.3584E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3584E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	1.8745E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8745E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00854	1.1117E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1117E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	1.5881E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5881E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	1.3277E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3277E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	2.1999E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1999E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	4.1785E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1785E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	2.2519E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2519E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00961	1.2509E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2509E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00679	8.8386E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8386E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00328	4.2696E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2696E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00291	3.788E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.788E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00644	8.383E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.383E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	7.5499E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5499E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000799	-5.9432E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9432E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000454	-3.377E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.377E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.00014	1.0414E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0414E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000195	1.4505E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4505E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000193	1.4356E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4356E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00109	8.1077E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1077E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00135	1.0042E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0042E-07	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.00029	2.1571E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1571E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00126	9.3723E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3723E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000651	4.8423E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8423E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000111	8.2565E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2565E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000172	-1.2794E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2794E-08	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00113	-8.4053E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.4053E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00253	-1.8819E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8819E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00153	-1.1381E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1381E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000979	-7.2821E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2821E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000886	-6.5903E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.5903E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00069	-5.1324E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1324E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000843	-6.2705E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.2705E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000173	1.2868E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2868E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000624	4.6415E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6415E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00421	3.1315E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1315E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00455	-3.3844E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3844E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00345	-2.5662E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5662E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00414	-3.0795E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0795E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00458	-3.4067E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4067E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00308	-2.291E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.291E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00448	-3.3324E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3324E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00529	-3.9349E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9349E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.0068	-5.058E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.058E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00374	-2.7819E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7819E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00207	-1.5397E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5397E-07	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.000097	-7.2151E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.2151E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000548	4.0762E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0762E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000715	5.3184E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3184E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00284	-2.1125E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1125E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00176	-1.3091E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3091E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00265	1.9711E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9711E-07	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00338	-2.5141E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5141E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-4.1729E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1729E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000505	-3.7563E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7563E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000647	-4.8126E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8126E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.0000106	-7.8846E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.8846E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000368	2.7373E-11	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7373E-11	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.0000108	-8.0334E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.0334E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.000053	-3.9423E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9423E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000594	4.4183E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4183E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000064	4.7605E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7605E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000615	4.5746E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5746E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000039	2.9009E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9009E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000732	5.4448E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4448E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000388	2.8861E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8861E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000555	4.1283E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1283E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000207	1.5397E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5397E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000053	3.9423E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9423E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000374	2.7819E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7819E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00103	-7.6614E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6614E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.002	-1.4877E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4877E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00359	-2.6703E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6703E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00456	-3.3919E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.3919E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00115	-8.554E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.554E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000587	-4.3663E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3663E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000242	1.8001E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8001E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000232	1.7257E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7257E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000013	9.6698E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6698E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000101	7.5127E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5127E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000151	1.1232E-10	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1232E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000711	5.2886E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2886E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00316	-2.3505E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3505E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00293	-2.1794E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1794E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.00364	-2.7075E-07	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7075E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.00059	-4.3886E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.3886E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000556	-4.1357E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1357E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.000029	2.1571E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1571E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000281	2.0902E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0902E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000148	1.1009E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1009E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000133	9.8929E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8929E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000201	1.4951E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4951E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000201	1.4951E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4951E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000308	2.291E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.291E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000297	2.2092E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2092E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000343	2.5513E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5513E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.000018	1.3389E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3389E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000454	-3.377E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.377E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000546	-4.0613E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0613E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000305	2.2687E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2687E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000349	-2.596E-08	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.596E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000479	3.5629E-09	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5629E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0293	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0194	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.00333	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	-0.00376	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	-0.00309	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.00645	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0103	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0173	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00553	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00465	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00388	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:29:53 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Resident_00-30_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00541	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00251	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.042	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0291	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0294	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0369	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.042	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.14	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0728	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0837	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0716	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.239	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0946	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0856	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.107	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.164	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.266	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0609	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.2	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.04	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0943	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	-0.00814	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0147	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.011	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.113	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.149	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0685	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	-0.0345	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000317	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000226	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00018	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000209	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000132	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	-0.0003	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	-0.000398	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	-0.000327	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	-0.00144	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000237	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000315	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	-0.000535	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0138	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	-0.000343	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	-0.000224	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0673	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0598	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	-0.00121	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0979	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.121	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.156	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0572	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00944	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0097	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00256	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00145	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00474	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0553	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.201	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.193	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.191	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0379	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	-0.0171	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.00361	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0811	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0176	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00716	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0115	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00895	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0236	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00353	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0232	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0213	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0386	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00821	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00407	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0147	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00618	0	30YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-3.00E-07	-2.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.80E-10	-1.41E-09	-2.09E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.85E-07	-1.29E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-10	-8.69E-10	-1.29E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	3.80E-08	2.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-11	1.78E-10	2.65E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	1.86E-08	1.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-11	8.73E-11	1.30E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.14E-08	7.97E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-11	5.35E-11	7.95E-12	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-1.80E-08	-1.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-11	-8.45E-11	-1.26E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-5.09E-08	-3.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.15E-11	-2.39E-10	-3.55E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-1.04E-08	-7.27E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-11	-4.88E-11	-7.26E-12	0.00E+00
9	-169.37	170.38	7440382	Arsenic	3.56E-07	2.49E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.70E-10	1.67E-09	2.48E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	2.94E-07	2.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-10	1.38E-09	2.05E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.60E-07	1.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-10	1.22E-09	1.81E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.90E-07	2.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-10	1.36E-09	2.02E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.83E-07	4.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.33E-10	2.74E-09	4.07E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.24E-06	8.67E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-09	5.82E-09	8.65E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.10E-07	6.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-09	4.27E-09	6.35E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.29E-07	5.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	3.89E-09	5.78E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	8.87E-07	6.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-09	4.17E-09	6.19E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.05E-07	6.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-09	4.25E-09	6.31E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.47E-06	1.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.95E-09	1.16E-08	1.72E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.39E-06	9.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-09	6.53E-09	9.70E-10	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.76E-06	1.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-09	8.26E-09	1.23E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.61E-06	1.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-09	7.56E-09	1.12E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	4.82E-06	3.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-09	2.26E-08	3.36E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.59E-06	1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-09	1.22E-08	1.81E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.75E-06	1.92E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-09	1.29E-08	1.92E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	3.30E-06	2.31E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.28E-09	1.55E-08	2.30E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	4.11E-06	2.87E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-09	1.93E-08	2.87E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-2.39E-06	-1.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-09	-1.12E-08	-1.67E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	9.39E-07	6.57E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-09	4.41E-09	6.55E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-1.30E-06	-9.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.08E-09	-6.10E-09	-9.07E-10	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-2.92E-07	-2.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-10	-1.37E-09	-2.04E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.17E-06	-8.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-09	-5.49E-09	-8.16E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-1.12E-08	-7.83E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-11	-5.26E-11	-7.81E-12	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-5.65E-08	-3.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.04E-11	-2.65E-10	-3.94E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	1.60E-07	1.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-10	7.51E-10	1.12E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.79E-06	1.25E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-09	8.41E-09	1.25E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	2.59E-06	1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.15E-09	1.22E-08	1.81E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.60E-06	1.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-09	7.51E-09	1.12E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	1.05E-06	7.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-09	4.93E-09	7.33E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.01E-06	-1.41E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-09	-9.44E-09	-1.40E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.74E-08	1.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-11	8.17E-11	1.21E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.29E-08	9.02E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-11	6.06E-11	9.00E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.71E-08	1.20E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-11	8.03E-11	1.19E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.43E-08	1.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-11	1.14E-10	1.70E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	3.48E-08	2.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.57E-11	1.63E-10	2.43E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	3.93E-08	2.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-11	1.85E-10	2.74E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	4.72E-08	3.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-11	2.22E-10	3.29E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	4.04E-08	2.83E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.47E-11	1.90E-10	2.82E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	2.16E-08	1.51E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-11	1.01E-10	1.51E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	2.35E-08	1.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.76E-11	1.10E-10	1.64E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.60E-08	1.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-11	1.22E-10	1.81E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.24E-08	8.67E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-11	5.82E-11	8.65E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-5.30E-08	-3.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.48E-11	-2.49E-10	-3.70E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	2.07E-08	1.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-11	9.72E-11	1.44E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.31E-08	3.01E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.90E-11	2.02E-10	3.01E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.62E-06	1.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-09	7.61E-09	1.13E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.17E-06	8.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	5.49E-09	8.16E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.61E-07	1.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.18E-10	1.23E-09	1.82E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.47E-06	-1.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-09	-6.90E-09	-1.03E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-7.45E-07	-5.21E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-09	-3.50E-09	-5.20E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.87E-06	2.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.59E-09	1.35E-08	2.00E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.15E-06	8.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	5.40E-09	8.02E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.04E-07	1.43E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-10	9.58E-10	1.42E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.14E-07	1.50E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.43E-10	1.00E-09	1.49E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.82E-08	4.77E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	3.20E-10	4.76E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.04E-07	7.27E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-10	4.88E-10	7.26E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.17E-07	8.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-10	5.49E-10	8.16E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.17E-06	8.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	5.49E-09	8.16E-10	0.00E+00
69	1647	-390	7440382	Arsenic	3.93E-06	2.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.29E-09	1.85E-08	2.74E-09	0.00E+00
70	1650	-890	7440382	Arsenic	3.88E-06	2.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.21E-09	1.82E-08	2.71E-09	0.00E+00
71	1430	215	7440382	Arsenic	3.63E-06	2.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-09	1.70E-08	2.53E-09	0.00E+00
72	1142	615	7440382	Arsenic	8.32E-07	5.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-09	3.91E-09	5.80E-10	0.00E+00
73	-333	-788	7440382	Arsenic	3.01E-07	2.11E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.82E-10	1.41E-09	2.10E-10	0.00E+00
74	-42	-825	7440382	Arsenic	5.70E-07	3.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-10	2.68E-09	3.98E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.52E-06	1.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-09	7.14E-09	1.06E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.76E-07	2.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.02E-10	1.77E-09	2.62E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.64E-07	1.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-10	7.70E-10	1.14E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.49E-07	1.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-10	1.17E-09	1.74E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.96E-07	1.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-10	9.20E-10	1.37E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	4.74E-07	3.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.59E-10	2.23E-09	3.31E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.14E-08	6.39E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	4.29E-10	6.38E-11	0.00E+00
82	2577	-940	7440382	Arsenic	4.67E-07	3.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-10	2.19E-09	3.26E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.32E-07	3.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-10	2.03E-09	3.01E-10	0.00E+00
84	1577	291	7440382	Arsenic	7.74E-07	5.41E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-09	3.63E-09	5.40E-10	0.00E+00
85	2400	240	7440382	Arsenic	1.95E-07	1.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-10	9.16E-10	1.36E-10	0.00E+00
86	2600	1290	7440382	Arsenic	8.98E-08	6.28E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-10	4.22E-10	6.26E-11	0.00E+00
87	900	935	7440382	Arsenic	9.28E-07	6.49E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-09	4.36E-09	6.47E-10	0.00E+00
88	1375	1395	7440382	Arsenic	1.81E-07	1.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-10	8.50E-10	1.26E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.12E-07	2.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-10	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.04E-07	2.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-10	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	8.85E-08	1.77E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-10	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	6.94E-08	1.39E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-10	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	5.48E-08	1.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	6.72E-08	1.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	8.36E-08	1.67E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-10	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	2.96E-07	5.92E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-10	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	5.21E-07	1.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	3.69E-07	7.38E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.38E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	2.34E-07	4.68E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	1.90E-07	3.80E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.80E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	1.69E-07	3.38E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.41E-07	2.82E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.32E-07	2.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.21E-07	2.42E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.10E-07	2.20E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.02E-07	2.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-10	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	7.02E-08	1.40E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	7.24E-08	1.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-10	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	8.61E-08	1.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-10	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	1.73E-07	3.46E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	5.06E-07	1.01E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	9.19E-07	1.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-09	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.37E-06	2.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	1.92E-06	3.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.84E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	2.60E-06	5.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	2.60E-06	5.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	2.89E-06	5.78E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.00E-06	6.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	1.85E-07	3.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	1.61E-07	3.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-10	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.12E-07	2.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-10	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	1.44E-07	2.88E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.88E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	4.71E-07	9.42E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.42E-10	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	8.70E-08	1.74E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-10	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	7.71E-08	1.54E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-10	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	2.84E-07	5.68E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	2.77E-06	5.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.54E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	7.32E-07	1.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-09	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	1.71E-08	3.42E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.42E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.20E-08	2.40E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	1.96E-08	3.92E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	2.21E-08	4.42E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	4.39E-08	8.78E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.78E-11	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	5.64E-08	1.13E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-10	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	6.68E-08	1.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-10	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	5.02E-08	1.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	4.36E-08	8.72E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.72E-11	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	2.67E-08	5.34E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	2.69E-08	5.38E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	2.07E-08	4.14E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	1.37E-07	2.74E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	2.69E-08	5.38E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.38E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	5.15E-08	1.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-10	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	7.38E-07	1.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-09	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	1.06E-07	2.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	1.04E-07	2.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-10	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	2.65E-07	5.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-10	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.14E-06	4.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	1.74E-07	3.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.48E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.52E-07	3.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	4.17E-08	8.34E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.34E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	3.40E-08	6.80E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.53E-08	3.06E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	7.55E-08	1.51E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-10	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	1.95E-08	3.90E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.06E-07	6.12E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.12E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	6.24E-08	1.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-10	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.51E-07	3.02E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	5.41E-08	1.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	7.39E-08	1.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-10	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.03E-06	2.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-09	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.00E-06	2.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.35E-07	2.70E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	9.82E-08	1.97E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-10	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	5.47E-08	1.09E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-10	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	7.16E-08	1.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-10	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	5.71E-08	1.14E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-10	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	7.91E-08	1.58E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-10	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	1.84E-08	3.68E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	5.27E-08	1.05E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	3.52E-08	7.04E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	4.55E-08	9.10E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.10E-11	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	2.49E-08	4.98E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.98E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.04E-08	4.08E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	8.56E-08	1.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-10	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	5.02E-08	1.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-10	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.35E-06	-2.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-07	-5.24E-09	-2.60E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.21E-06	-1.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-07	-3.46E-09	-1.71E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	-9.81E-08	-6.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.67E-09	-1.54E-10	-7.60E-12	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	-1.54E-07	-1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-08	-2.41E-10	-1.19E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	-1.51E-07	-1.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-08	-2.36E-10	-1.17E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-4.08E-07	-2.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.78E-08	-6.39E-10	-3.16E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-6.01E-07	-4.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.09E-08	-9.41E-10	-4.66E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.44E-06	-1.00E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.80E-08	-2.25E-09	-1.12E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.26E-06	8.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-08	1.97E-09	9.77E-11	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.12E-06	7.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	1.75E-09	8.68E-11	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.19E-06	8.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-08	1.86E-09	9.22E-11	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.55E-06	1.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-07	2.43E-09	1.20E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.19E-06	2.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	4.99E-09	2.47E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	8.93E-06	6.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-07	1.40E-08	6.92E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	6.46E-06	4.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-07	1.01E-08	5.01E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	6.07E-06	4.23E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-07	9.50E-09	4.71E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	6.82E-06	4.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-07	1.07E-08	5.29E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	7.22E-06	5.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.91E-07	1.13E-08	5.60E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.12E-05	1.48E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-06	3.32E-08	1.64E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.19E-05	8.29E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-07	1.86E-08	9.22E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.47E-05	1.02E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-06	2.30E-08	1.14E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.36E-05	9.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.25E-07	2.13E-08	1.05E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	3.87E-05	2.70E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-06	6.06E-08	3.00E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.75E-05	1.22E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-06	2.74E-08	1.36E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.65E-05	1.15E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	2.58E-08	1.28E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	1.89E-05	1.32E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-06	2.96E-08	1.47E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.40E-05	1.67E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	3.76E-08	1.86E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.44E-05	-2.40E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-06	-5.38E-08	-2.67E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.26E-06	-4.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-07	-9.80E-09	-4.85E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.63E-05	-1.83E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-06	-4.12E-08	-2.04E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.95E-06	-2.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-07	-6.18E-09	-3.06E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.16E-05	-8.08E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.89E-07	-1.82E-08	-8.99E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-6.83E-07	-4.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.65E-08	-1.07E-09	-5.29E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.08E-06	-7.53E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.35E-08	-1.69E-09	-8.37E-11	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-5.93E-07	-4.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-08	-9.28E-10	-4.60E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.58E-05	1.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	2.47E-08	1.22E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.22E-05	1.55E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-06	3.47E-08	1.72E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.30E-05	9.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.84E-07	2.03E-08	1.01E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-3.87E-06	-2.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-07	-6.06E-09	-3.00E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.06E-05	-1.44E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-06	-3.22E-08	-1.60E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	7.71E-08	5.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-09	1.21E-10	5.98E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	5.91E-08	4.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-09	9.25E-11	4.58E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	6.20E-08	4.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.22E-09	9.70E-11	4.81E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.07E-07	7.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-09	1.67E-10	8.29E-12	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	9.95E-08	6.93E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.77E-09	1.56E-10	7.71E-12	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	8.16E-08	5.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-09	1.28E-10	6.33E-12	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	1.00E-07	6.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-09	1.57E-10	7.75E-12	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.25E-07	8.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.50E-09	1.96E-10	9.69E-12	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	-1.40E-08	-9.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.52E-10	-2.19E-11	-1.09E-12	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	8.10E-08	5.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-09	1.27E-10	6.28E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.00E-07	6.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-09	1.57E-10	7.75E-12	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.68E-08	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-09	2.63E-11	1.30E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.01E-06	-7.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.87E-08	-1.58E-09	-7.83E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	5.19E-08	3.62E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-09	8.12E-11	4.02E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	1.47E-07	1.02E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	2.30E-10	1.14E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.09E-05	7.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.42E-07	1.71E-08	8.45E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	9.45E-06	6.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.43E-07	1.48E-08	7.33E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.26E-06	8.78E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-08	1.97E-09	9.77E-11	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.38E-05	-9.62E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.39E-07	-2.16E-08	-1.07E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.66E-05	-1.16E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-06	-2.60E-08	-1.29E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.40E-05	1.67E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	3.76E-08	1.86E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	9.22E-06	6.42E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-07	1.44E-08	7.15E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.64E-06	1.14E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	2.57E-09	1.27E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	1.74E-06	1.21E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	2.72E-09	1.35E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	5.01E-07	3.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-08	7.84E-10	3.88E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	5.30E-07	3.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-08	8.30E-10	4.11E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	8.94E-07	6.23E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-08	1.40E-09	6.93E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	9.04E-06	6.30E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.15E-07	1.42E-08	7.01E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.26E-05	2.27E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-06	5.10E-08	2.53E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.18E-05	2.22E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.16E-06	4.98E-08	2.47E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.02E-05	2.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-06	4.73E-08	2.34E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	6.60E-06	4.60E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-07	1.03E-08	5.12E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-2.00E-06	-1.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-07	-3.13E-09	-1.55E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	6.69E-07	4.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-08	1.05E-09	5.19E-11	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.26E-05	8.78E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.57E-07	1.97E-08	9.77E-10	0.00E+00
252	1815	-1910	18540299	Cr(VI)	2.90E-06	2.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-07	4.54E-09	2.25E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.23E-06	8.57E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-08	1.93E-09	9.53E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.91E-06	1.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	2.99E-09	1.48E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.51E-06	1.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	2.36E-09	1.17E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	3.84E-06	2.68E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-07	6.01E-09	2.98E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	6.91E-07	4.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-08	1.08E-09	5.36E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	3.88E-06	2.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-07	6.07E-09	3.01E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	3.57E-06	2.49E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-07	5.59E-09	2.77E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	6.34E-06	4.42E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-07	9.92E-09	4.91E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.51E-06	1.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-07	2.36E-09	1.17E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	6.99E-07	4.87E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-08	1.09E-09	5.42E-11	0.00E+00
263	900	935	18540299	Cr(VI)	6.00E-06	4.18E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-07	9.39E-09	4.65E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.29E-06	8.99E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.78E-08	2.02E-09	1.00E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	1.01E-07	3.87E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-13	2.69E-12	2.00E-13	4.20E-13
266	-1778.03	-291.29	7439921	Lead	8.22E-07	3.15E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.61E-12	2.19E-11	1.62E-12	3.41E-12
267	-1732.28	175.05	7439921	Lead	2.51E-06	9.62E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-11	6.68E-11	4.96E-12	1.04E-11
268	-1579.43	347.93	7439921	Lead	2.23E-06	8.55E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	5.93E-11	4.41E-12	9.26E-12
269	-1525.43	516.64	7439921	Lead	1.70E-06	6.52E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.52E-12	4.52E-11	3.36E-12	7.06E-12
270	-1332.88	500.04	7439921	Lead	2.56E-06	9.82E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-11	6.81E-11	5.06E-12	1.06E-11
271	-1140.45	476.3	7439921	Lead	4.48E-06	1.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-11	1.19E-10	8.86E-12	1.86E-11
272	-672.12	353.55	7439921	Lead	7.09E-06	2.72E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.97E-11	1.89E-10	1.40E-11	2.95E-11
273	-169.37	170.38	7439921	Lead	1.49E-05	5.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.35E-11	3.96E-10	2.95E-11	6.19E-11
274	-75.04	299.11	7439921	Lead	1.05E-05	4.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-11	2.79E-10	2.08E-11	4.36E-11
275	49.15	527.2	7439921	Lead	7.30E-06	2.80E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-11	1.94E-10	1.44E-11	3.03E-11
276	144.22	648.15	7439921	Lead	6.67E-06	2.56E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-11	1.77E-10	1.32E-11	2.77E-11
277	394.15	623.31	7439921	Lead	8.94E-06	3.43E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.01E-11	2.38E-10	1.77E-11	3.71E-11
278	501.62	717.12	7439921	Lead	1.39E-05	5.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-11	3.70E-10	2.75E-11	5.77E-11
279	618.47	665.12	7439921	Lead	1.12E-05	4.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.28E-11	2.98E-10	2.21E-11	4.65E-11
280	755.45	579.13	7439921	Lead	1.05E-05	4.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-11	2.79E-10	2.08E-11	4.36E-11
281	867.79	485.41	7439921	Lead	1.11E-05	4.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.22E-11	2.95E-10	2.19E-11	4.61E-11
282	955.03	377.6	7439921	Lead	0.0000115	4.41E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.44E-11	3.06E-10	2.27E-11	4.78E-11
283	1331.68	-165.58	7439921	Lead	0.0000252	9.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-10	6.71E-10	4.98E-11	1.05E-10
284	1406.74	-290.13	7439921	Lead	0.0000173	6.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.69E-11	4.60E-10	3.42E-11	7.19E-11
285	1456.2	-436.06	7439921	Lead	0.0000225	8.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-10	5.99E-10	4.45E-11	9.35E-11
286	1209.21	-528.32	7439921	Lead	0.0000276	1.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-10	7.34E-10	5.46E-11	1.15E-10
287	913.01	-694.67	7439921	Lead	0.0000554	2.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.10E-10	1.47E-09	1.10E-10	2.30E-10
288	717.24	-664.22	7439921	Lead	0.0000413	1.58E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-10	1.10E-09	8.16E-11	1.72E-10
289	544.23	-594.35	7439921	Lead	0.0000484	1.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-10	1.29E-09	9.57E-11	2.01E-10
290	338.12	-539.73	7439921	Lead	0.0000595	2.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-10	1.58E-09	1.18E-10	2.47E-10
291	123.44	-529.45	7439921	Lead	0.0000743	2.85E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.16E-10	1.98E-09	1.47E-10	3.09E-10
292	-353.26	-515.05	7439921	Lead	0.0000177	6.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.92E-11	4.71E-10	3.50E-11	7.35E-11
293	-537.68	-487.8	7439921	Lead	0.0000492	1.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-10	1.31E-09	9.73E-11	2.04E-10
294	-775.51	-486.07	7439921	Lead	0.000031	1.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-10	8.25E-10	6.13E-11	1.29E-10
295	-1414.44	-481.5	7439921	Lead	0.00000194	7.44E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-11	5.16E-11	3.83E-12	8.06E-12
296	-1515.21	-320.18	7439921	Lead	-5.94E-06	-2.28E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-11	-1.58E-10	-1.17E-11	-2.47E-11
297	-1749.69	-63.9	7439921	Lead	2.45E-06	9.39E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-11	6.52E-11	4.84E-12	1.02E-11
298	-920.57	426.17	7439921	Lead	4.81E-06	1.84E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.69E-11	1.28E-10	9.51E-12	2.00E-11
299	-420.73	233.87	7439921	Lead	1.18E-05	4.52E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.61E-11	3.14E-10	2.33E-11	4.90E-11
300	1090.12	214.1	7439921	Lead	1.91E-05	7.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	5.08E-10	3.78E-11	7.93E-11
301	1183.39	65.17	7439921	Lead	2.59E-05	9.93E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-10	6.89E-10	5.12E-11	1.08E-10
302	1055.3	-577.42	7439921	Lead	2.84E-05	1.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-10	7.56E-10	5.61E-11	1.18E-10
303	-103.02	-518.78	7439921	Lead	4.97E-05	1.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-10	1.32E-09	9.82E-11	2.06E-10
304	-1076.39	-488.67	7439921	Lead	-0.000000467	-1.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-11	-1.24E-10	-9.23E-12	-1.94E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000506	1.94E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.84E-12	1.35E-11	1.00E-12	2.10E-12
306	-5050.04	-958.41	7439921	Lead	0.000000365	1.40E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-12	9.71E-12	7.21E-13	1.52E-12
307	-4023.97	-112.26	7439921	Lead	5.41E-07	2.07E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-12	1.44E-11	1.07E-12	2.25E-12
308	-2122.34	995.23	7439921	Lead	7.15E-07	2.74E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-12	1.90E-11	1.41E-12	2.97E-12
309	-2734.69	227.4	7439921	Lead	1.14E-06	4.37E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-12	3.03E-11	2.25E-12	4.74E-12
310	-2371.11	-69.21	7439921	Lead	1.47E-06	5.64E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-12	3.91E-11	2.91E-12	6.11E-12
311	-2146.26	177.17	7439921	Lead	1.77E-06	6.79E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.92E-12	4.71E-11	3.50E-12	7.35E-12
312	-1919.02	445.07	7439921	Lead	1.56E-06	5.98E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.74E-12	4.15E-11	3.08E-12	6.48E-12
313	-1651.12	607.72	7439921	Lead	1.33E-06	5.10E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-12	3.54E-11	2.63E-12	5.52E-12
314	-3361.39	677.09	7439921	Lead	7.04E-07	2.70E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.94E-12	1.87E-11	1.39E-12	2.92E-12
315	-3026.51	724.93	7439921	Lead	7.44E-07	2.85E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-12	1.98E-11	1.47E-12	3.09E-12

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	6.82E-07	2.61E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-12	1.81E-11	1.35E-12	2.83E-12
317	-922.86	446.42	7439921	Lead	4.62E-06	1.77E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-11	1.23E-10	9.13E-12	1.92E-11
318	-1799.42	1088.51	7439921	Lead	8.14E-07	3.12E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-12	2.17E-11	1.61E-12	3.38E-12
319	-359.36	1846.44	7439921	Lead	1.64E-06	6.29E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-12	4.36E-11	3.24E-12	6.81E-12
320	671.3	-742.78	7439921	Lead	2.94E-05	1.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-10	7.82E-10	5.81E-11	1.22E-10
321	-1565.55	-932.22	7439921	Lead	1.25E-05	4.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.00E-11	3.33E-10	2.47E-11	5.19E-11
322	-1733.02	-528.24	7439921	Lead	4.66E-06	1.79E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-11	1.24E-10	9.21E-12	1.94E-11
323	-1261.46	-507.67	7439921	Lead	-6.62E-06	-2.54E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-11	-1.76E-10	-1.31E-11	-2.75E-11
324	-883.92	-503.26	7439921	Lead	0.0000244	9.36E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-10	6.49E-10	4.82E-11	1.01E-10
325	1599.35	-1104.97	7439921	Lead	0.0000302	1.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	8.04E-10	5.97E-11	1.25E-10
326	1608.16	-1382.63	7439921	Lead	1.43E-05	5.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.01E-11	3.81E-10	2.83E-11	5.94E-11
327	3517.15	-1425.27	7439921	Lead	3.43E-06	1.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-11	9.13E-11	6.78E-12	1.42E-11
328	2959.77	-846.37	7439921	Lead	3.51E-06	1.35E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-11	9.34E-11	6.94E-12	1.46E-11
329	3479.67	224.81	7439921	Lead	0.00000104	3.99E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.83E-12	2.77E-11	2.06E-12	4.32E-12
330	44.43	1469.76	7439921	Lead	0.00000271	1.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-11	7.21E-11	5.36E-12	1.13E-11
331	3044.83	-34	7439921	Lead	1.65E-06	6.33E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.24E-12	4.39E-11	3.26E-12	6.85E-12
332	1088	-938	7439921	Lead	1.89E-05	7.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	5.03E-10	3.74E-11	7.85E-11
333	1647	-390	7439921	Lead	3.75E-05	1.44E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-10	9.98E-10	7.41E-11	1.56E-10
334	1650	-890	7439921	Lead	3.93E-05	1.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-10	1.05E-09	7.77E-11	1.63E-10
335	1430	215	7439921	Lead	3.31E-05	1.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-10	8.81E-10	6.54E-11	1.37E-10
336	1142	615	7439921	Lead	0.00000967	3.71E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-11	2.57E-10	1.91E-11	4.02E-11
337	-333	-788	7439921	Lead	0.000019	7.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-10	5.06E-10	3.76E-11	7.89E-11
338	-42	-825	7439921	Lead	0.0000213	8.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-10	5.67E-10	4.21E-11	8.85E-11
339	1900	-1175	7439921	Lead	0.0000176	6.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.86E-11	4.68E-10	3.48E-11	7.31E-11
340	1815	-1910	7439921	Lead	0.00000607	2.33E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.40E-11	1.62E-10	1.20E-11	2.52E-11
341	2575	-2650	7439921	Lead	0.00000304	1.17E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-11	8.09E-11	6.01E-12	1.26E-11
342	2665	-2025	7439921	Lead	0.00000433	1.66E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.43E-11	1.15E-10	8.56E-12	1.80E-11
343	3480	-2025	7439921	Lead	0.00000349	1.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-11	9.29E-11	6.90E-12	1.45E-11
344	2667	-1400	7439921	Lead	0.00000683	2.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-11	1.82E-10	1.35E-11	2.84E-11
345	3400	-250	7439921	Lead	0.00000144	5.52E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.07E-12	3.83E-11	2.85E-12	5.98E-12
346	2577	-940	7439921	Lead	0.00000658	2.52E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-11	1.75E-10	1.30E-11	2.73E-11
347	2404	-475	7439921	Lead	0.00000545	2.09E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-11	1.45E-10	1.08E-11	2.26E-11
348	1577	291	7439921	Lead	0.00000841	3.22E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-11	2.24E-10	1.66E-11	3.49E-11
349	2400	240	7439921	Lead	0.00000248	9.51E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-11	6.60E-11	4.90E-12	1.03E-11
350	2600	1290	7439921	Lead	0.00000145	5.56E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.12E-12	3.86E-11	2.87E-12	6.02E-12
351	900	935	7439921	Lead	0.0000103	3.95E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.77E-11	2.74E-10	2.04E-11	4.28E-11
352	1375	1395	7439921	Lead	0.00000302	1.16E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-11	8.04E-11	5.97E-12	1.25E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000507	-6.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.15E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000338	-4.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.10E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	-0.000004	-4.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.00000493	-5.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-10	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.00000421	-5.11E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.11E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000969	-1.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.000016	-1.94E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000279	-3.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.00000845	1.03E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.00000934	1.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000114	1.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000165	2.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000331	4.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000113	1.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000801	9.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000757	9.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000868	1.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000931	1.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000285	3.46E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000154	1.87E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000187	2.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000163	1.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000511	6.20E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.20E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000219	2.66E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000204	2.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000239	2.90E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000319	3.87E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000498	-6.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.000105	-1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000382	-4.64E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000629	-7.64E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.64E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000169	-2.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000125	-1.52E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000227	-2.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.0000177	-2.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000216	2.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.02E-04	3.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000155	1.88E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000687	-8.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.34E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000291	-3.53E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.000000763	9.26E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.26E-11	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000586	7.11E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.11E-11	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000529	6.42E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.42E-11	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.000000917	1.11E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.000000701	8.51E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.51E-11	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.000000119	1.44E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-11	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.000000142	1.72E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-11	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.000000394	4.78E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-11	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	-0.00000159	-1.93E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000724	8.79E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-11	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.000000946	1.15E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	-0.000000484	-5.88E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.88E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000214	-2.60E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	-1.03E-08	-1.25E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.25E-12	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.000000615	7.47E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.47E-11	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000138	1.68E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000127	1.54E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000115	1.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000195	-2.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.00024	-2.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000322	3.91E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000121	1.47E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000203	2.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000214	2.60E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000616	7.48E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000513	6.23E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000112	1.36E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000115	1.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000436	5.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000422	5.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000408	4.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000856	1.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000351	-4.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.0000024	2.91E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.91E-10	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000168	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000368	4.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.47E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000151	1.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000239	2.90E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000187	2.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000493	5.98E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000843	1.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000494	6.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.00E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000461	5.60E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.60E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000836	1.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000192	2.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.33E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000876	1.06E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000694	8.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.42E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000154	1.87E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	-0.0169	-2.48E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	-0.0127	-1.86E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	-0.00827	-1.21E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	-0.00883	-1.30E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	-0.0075	-1.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.0147	-2.16E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.16E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0233	-3.42E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.42E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0414	-6.08E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.08E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.006	8.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.80E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.000429	-6.30E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.30E-08	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.00866	-1.27E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0108	-1.58E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0642	-9.42E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.42E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.0352	-5.17E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0257	-3.77E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.77E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0146	-2.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00775	-1.14E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00412	-6.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.05E-07	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0118	1.73E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.000765	1.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00643	-9.44E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.44E-07	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.0049	-7.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.19E-07	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0143	-2.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.00308	-4.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.52E-07	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.00637	9.35E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.35E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0363	5.33E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0955	1.40E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0317	-4.65E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.65E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0697	-1.02E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0693	-1.02E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.041	-6.02E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.0465	-6.82E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.82E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	-0.0137	-2.01E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.01E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0338	-4.96E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.96E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0301	-4.42E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.000162	-2.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-08	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0111	1.63E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00357	-5.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.24E-07	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.0709	1.04E-05	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0639	-9.38E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.38E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000557	-8.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000398	-5.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.84E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000611	-8.97E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.97E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00122	-1.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00153	-2.25E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.0028	-4.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00329	-4.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.83E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.0029	-4.26E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.26E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	-0.00435	-6.38E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000701	-1.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.00081	-1.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00215	-3.15E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0318	-4.67E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.67E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.00212	-3.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.11E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00344	-5.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.00668	9.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.80E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0139	-2.04E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.0168	-2.47E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.47E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0479	-7.03E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.03E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0605	-8.88E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.88E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.00755	-1.11E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00575	-8.44E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.44E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00184	-2.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00227	-3.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000677	-9.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.93E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00465	-6.82E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.82E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00122	-1.79E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00105	-1.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-07	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0119	-1.75E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0138	-2.03E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0115	-1.69E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.0013	-1.91E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0117	-1.72E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.00764	1.12E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.0041	-6.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.02E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00301	-4.42E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.42E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00197	-2.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.89E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00244	-3.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00189	-2.77E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00241	-3.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.0012	-1.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00269	-3.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00325	-4.77E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00297	-4.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00143	-2.10E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.10E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000375	-5.50E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.50E-08	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00646	-9.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.48E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00183	-2.69E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.69E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.000921	7.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000884	7.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.08E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00121	9.68E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.68E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00137	1.10E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00126	1.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00411	3.29E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00539	4.31E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00352	2.82E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00486	3.89E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00319	2.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00195	1.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00152	1.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000926	7.41E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.41E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000256	-2.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000548	4.39E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.000901	7.21E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00103	8.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00127	1.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00285	2.28E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00478	3.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.0082	6.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.56E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0174	1.39E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00579	4.63E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00596	4.77E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00586	4.69E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00553	4.43E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00557	4.46E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.46E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00301	2.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.0022	1.76E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000646	5.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000392	3.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.14E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00139	1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00114	9.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00383	3.07E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.0044	3.52E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.52E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000325	2.60E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.0013	1.04E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0138	1.10E-06	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00449	3.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.00042	3.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000105	8.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.40E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000656	5.25E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.25E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000967	7.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.74E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000206	1.65E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000228	1.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000323	2.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000466	3.73E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.00056	4.48E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.48E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000666	5.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.33E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000141	1.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000167	1.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.000381	3.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00374	2.99E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000344	2.75E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000724	5.79E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00676	5.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.41E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000686	5.49E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.0001	8.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000891	7.13E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00146	1.17E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00322	2.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00246	1.97E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00126	1.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.0013	1.04E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000243	1.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000915	7.32E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.32E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000362	2.90E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.90E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00587	4.70E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.70E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00132	1.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.0033	2.64E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000553	-4.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.43E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000879	7.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00332	2.66E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00402	3.22E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00317	2.54E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00175	1.40E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00103	8.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.24E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00147	1.18E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00123	9.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.84E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00203	1.62E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.00039	3.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00207	1.66E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00118	9.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000908	7.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.27E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000413	3.31E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000354	2.83E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000849	6.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.80E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000706	5.65E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00154	2.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00174	2.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00293	3.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00331	4.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.42E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00303	4.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0101	1.35E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0132	1.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00839	1.12E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0127	1.69E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00822	1.10E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00479	6.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00353	4.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.0014	1.87E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00192	-2.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000169	2.25E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.0014	1.87E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00174	2.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00243	3.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.24E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00574	7.66E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0109	1.45E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0189	2.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0425	5.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.00992	1.32E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.012	1.60E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.012	1.60E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0119	1.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0145	1.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	2.94E-03	3.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	4.74E-04	6.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.22E-03	-5.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.63E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.24E-03	-2.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.36E-03	1.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.45E-03	3.27E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	8.95E-03	1.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.04E-02	1.39E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00164	-2.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.41E-03	1.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.27E-02	4.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	7.15E-03	9.54E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.54E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00374	-4.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.28E-04	3.04E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.00014	1.87E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000206	2.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000456	6.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000496	6.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.62E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000673	8.98E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00104	1.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.0013	1.73E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00153	2.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000317	4.23E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000375	5.00E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.00E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	8.78E-04	1.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00875	1.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	7.79E-04	1.04E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00165	2.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0153	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000668	8.91E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.91E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00144	-1.92E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.00101	-1.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000554	-7.39E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.39E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00617	8.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.23E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00497	6.63E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.63E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.003	4.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00307	4.10E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.00055	7.34E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.34E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00204	2.72E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000803	1.07E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0136	1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000313	4.18E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.18E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00488	6.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00426	-5.68E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.68E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00146	1.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.0069	9.20E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.20E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00895	1.19E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00705	9.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.40E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.004	5.34E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00239	3.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00342	4.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00289	3.86E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00476	6.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00089	1.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00488	6.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00263	3.51E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00164	2.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000871	1.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.00081	1.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00159	2.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.00161	2.15E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0112	-1.49E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00744	-9.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.93E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00213	-2.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00203	-2.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00172	-2.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	-0.000853	-1.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00188	-2.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.51E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00744	-9.93E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.93E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.000952	-1.27E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00251	-3.35E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.35E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00458	-6.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.0063	-8.40E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.40E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0147	-1.96E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0268	-3.58E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0179	-2.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.39E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0131	-1.75E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.75E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0125	-1.67E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0111	-1.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0175	-2.33E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.33E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0126	-1.68E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0181	-2.41E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00788	-1.05E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0655	-8.74E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.74E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0542	-7.23E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.23E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0608	-8.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.11E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0641	-8.55E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.55E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0478	-6.38E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.38E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0567	-7.56E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.56E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0629	-8.39E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.39E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0742	-9.90E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.90E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.041	-5.47E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0262	-3.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.50E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00448	-5.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.98E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.78E-03	-7.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.71E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-5.72E-03	-7.63E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.12E-02	-4.16E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.16E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.27E-02	-3.03E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.03E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.35E-02	-1.80E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.95E-02	-6.60E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.60E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.09E-02	-8.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.12E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.71E-04	-4.95E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.67E-04	-3.56E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.05E-04	-5.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.40E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-6.19E-04	-8.26E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.26E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-8.04E-04	-1.07E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.54E-03	-2.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.35E-03	-1.80E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-1.02E-03	-1.36E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-1.36E-03	-1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.87E-04	-5.16E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.16E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.26E-04	-5.68E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.68E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-7.43E-04	-9.91E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.91E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-5.43E-03	-7.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-8.20E-04	-1.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.63E-03	-2.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.65E-02	-2.20E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.30E-02	-1.73E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.16E-02	-2.88E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.09E-02	-5.46E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.46E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.29E-02	-7.06E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.06E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.20E-02	-2.93E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.37E-02	-1.83E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.26E-03	-1.68E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.46E-03	-1.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.97E-04	-7.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.96E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.66E-03	-3.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.55E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.08E-03	-1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.02E-02	-1.36E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.76E-02	-5.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.11E-02	-5.48E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.48E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.71E-02	-4.95E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.95E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.93E-03	-1.19E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.59E-02	-2.12E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.19E-02	-1.59E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.30E-03	-1.24E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.73E-03	-4.98E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.98E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.71E-03	-2.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.31E-03	-3.08E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.58E-03	-2.11E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.88E-03	-3.84E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.84E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.67E-04	-1.16E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.63E-03	-3.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.38E-03	-4.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.51E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-7.58E-03	-1.01E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.83E-03	-2.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.47E-04	-9.97E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.97E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.28E-03	-8.38E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.38E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.63E-03	-2.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.55E-03	-4.12E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.12E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.41E-03	-2.80E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.80E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-8.82E-04	-1.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-8.81E-04	-1.02E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-7.64E-04	-8.87E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.06E-03	-1.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.23E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.62E-03	-1.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.93E-03	-3.40E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.27E-03	-1.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.40E-03	-1.62E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.77E-03	-2.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.20E-03	-2.55E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00461	-5.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.35E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00803	-9.32E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.32E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00547	-6.35E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.35E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.0041	-4.76E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.76E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00395	-4.58E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.58E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00359	-4.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.17E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00582	-6.75E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.75E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00471	-5.47E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.47E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00704	-8.17E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.17E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00578	-6.71E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.71E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0208	-2.41E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0175	-2.03E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0195	-2.26E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.26E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0204	-2.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0156	-1.81E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0176	-2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0193	-2.24E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0224	-2.60E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0124	-1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00812	-9.42E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.42E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00157	-1.82E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00248	-2.88E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00258	-2.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.99E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0094	-1.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00705	-8.18E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00673	-7.81E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0157	-1.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0184	-2.14E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000132	-1.53E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.000093	-1.08E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000141	-1.64E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.64E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000226	-2.62E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.62E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000286	-3.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000526	-6.10E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.10E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000495	-5.74E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.74E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000414	-4.80E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.80E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000539	-6.26E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.26E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000144	-1.67E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.67E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.00016	-1.86E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000297	-3.45E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.36E-03	-2.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.13E-04	-3.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.63E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.31E-04	-7.32E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.32E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.27E-03	-7.28E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.28E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00403	-4.68E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00649	-7.53E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.53E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0124	-1.44E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0161	-1.87E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.87E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00722	-8.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.38E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.59E-03	-5.33E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.33E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-6.24E-04	-7.24E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.24E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000692	-8.03E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.03E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000227	-2.63E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000977	-1.13E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000394	-4.57E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.57E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00421	-4.89E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0115	-1.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.013	-1.51E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.011	-1.28E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00285	-3.31E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.31E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00543	-6.30E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.30E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00435	-5.05E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00341	-3.96E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00146	-1.69E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000714	-8.29E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.29E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000979	-1.14E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000715	-8.30E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.30E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.26E-03	-1.46E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.36E-04	-3.90E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.90E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.0012	-1.39E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00125	-1.45E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00245	-2.84E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.30E-04	-7.31E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.31E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.93E-04	-3.40E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.40E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.05E-03	-2.38E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.38E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000627	-7.28E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.28E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00578	1.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00589	1.65E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00875	2.45E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00984	2.76E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00901	2.52E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0296	8.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.29E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0388	1.09E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0252	7.06E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.06E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0364	1.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0238	6.67E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.67E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0143	4.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.0109	3.05E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.05E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00569	1.59E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.0025	-7.00E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.00E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00253	7.09E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00553	1.55E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00649	1.82E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00836	2.34E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.89E-02	5.29E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.29E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0333	9.33E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0574	1.61E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.125	3.50E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.65E-02	1.02E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0404	1.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.05E-02	1.13E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.97E-02	1.11E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.044	1.23E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0158	4.43E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00931	2.61E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00303	-8.49E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.49E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.00142	-3.98E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.98E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00728	2.04E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00774	2.17E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.027	7.56E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.56E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0311	8.71E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.71E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000884	-2.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00697	1.95E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0976	2.73E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0272	7.62E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00328	-9.19E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.19E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000716	2.01E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000444	1.24E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.24E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000654	1.83E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.42E-03	3.98E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00156	4.37E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.37E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00217	6.08E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00321	8.99E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00392	1.10E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00465	1.30E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	9.78E-04	2.74E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00115	3.22E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.22E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00267	7.48E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.48E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0263	7.37E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00239	6.70E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00504	1.41E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0469	1.31E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00359	1.01E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.00151	-4.23E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.23E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00218	6.1071E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1071E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00504	1.4119E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4119E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0209	5.8549E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8549E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0163	4.5663E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5663E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00897	2.5129E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5129E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00917	2.5689E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5689E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00169	4.7344E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7344E-09	0	0	0

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.0063	1.7649E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7649E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00249	6.9755E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9755E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.0411	1.1514E-07	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1514E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00565	1.5828E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5828E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.0195	5.4627E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4627E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00781	-2.1879E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1879E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.0054	1.5128E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5128E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0222	6.2191E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2191E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0277	7.7599E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7599E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0218	6.1071E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1071E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0122	3.4177E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4177E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00723	2.0254E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0254E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0103	2.8854E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8854E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00866	2.426E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.426E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0143	4.006E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.006E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00272	7.6198E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.6198E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0146	4.09E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00814	2.2803E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2803E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00575	1.6108E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6108E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00278	7.7879E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.7879E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00247	6.9195E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9195E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00545	1.5268E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5268E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.00491	1.3755E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3755E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000281	1.312E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.312E-11	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.0000268	1.2513E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2513E-11	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.0000225	1.0505E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0505E-11	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.0000176	8.2174E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.2174E-12	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000133	6.2098E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2098E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000157	7.3303E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.3303E-12	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.00002	9.338E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.338E-12	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000612	2.8574E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8574E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.000145	6.7701E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.7701E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.000103	4.8091E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8091E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.0000649	3.0302E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0302E-11	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.0000527	2.4606E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4606E-11	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.0000484	2.2598E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2598E-11	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.0000403	1.8816E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8816E-11	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.0000383	1.7882E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7882E-11	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.0000355	1.6575E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6575E-11	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.0000326	1.5221E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5221E-11	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000301	1.4054E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4054E-11	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.0000197	9.1979E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1979E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.0000203	9.4781E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4781E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.0000244	1.1392E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1392E-11	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000509	2.3765E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3765E-11	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.000153	7.1436E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1436E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.000281	1.312E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.312E-10	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.000421	1.9656E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9656E-10	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.000589	2.75E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.000794	3.7072E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7072E-10	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.000742	3.4644E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4644E-10	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000752	3.5111E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5111E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000675	3.1516E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1516E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000433	2.0217E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0217E-11	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.00004	1.8676E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8676E-11	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.0000285	1.3307E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3307E-11	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000326	1.5221E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5221E-11	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.000109	5.0892E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0892E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.000025	1.1673E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1673E-11	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.0000218	1.0178E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0178E-11	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000849	3.964E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.964E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.00083	3.8753E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8753E-10	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.000181	8.4509E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4509E-11	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.00000419	1.9563E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.9563E-12	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000313	1.4614E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4614E-12	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000533	2.4886E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4886E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000557	2.6006E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6006E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.0000114	5.3227E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3227E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.000015	7.0035E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0035E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.0000172	8.0307E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.0307E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.0000131	6.1164E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1164E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000107	4.9958E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9958E-12	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000695	3.245E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.245E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000713	3.329E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.329E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.00000517	2.4139E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4139E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.0000312	1.4567E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4567E-11	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000617	2.8808E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8808E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.0000136	6.3498E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.3498E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.000223	1.0412E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0412E-10	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000257	1.1999E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1999E-11	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.0000252	1.1766E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1766E-11	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000609	2.8434E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8434E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000478	2.2318E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2318E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.0000509	2.3765E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3765E-11	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.0000435	2.031E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.031E-11	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.0000118	5.5094E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.5094E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.00000926	4.3235E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3235E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.00000394	1.8396E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8396E-12	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0000207	9.6648E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6648E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.00000509	2.3765E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3765E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.0000903	4.2161E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2161E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.0000174	8.1241E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.1241E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000444	2.073E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.073E-11	0	0	0
1039	1430	215	75092	Methylene Chlor	0.0000151	7.0502E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0502E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.0000217	1.0132E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0132E-11	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.000289	1.3493E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3493E-10	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.000291	1.3587E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3587E-10	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.0000393	1.8349E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8349E-11	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.0000277	1.2933E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2933E-11	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.0000152	7.0969E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0969E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.0000201	9.3847E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.3847E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.0000161	7.5171E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5171E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.0000228	1.0645E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0645E-11	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000478	2.2318E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2318E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.0000149	6.9568E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.9568E-12	0	0	0

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.0000095	4.4356E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4356E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.0000126	5.8829E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8829E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000657	3.0675E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0675E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000572	2.6707E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6707E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.0000245	1.1439E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1439E-11	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.000014	6.5366E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.5366E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000674	-1.0789E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0789E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000382	-6.1151E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1151E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.00012	1.921E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.921E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000167	2.6733E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6733E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000165	2.6413E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6413E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.000921	1.4743E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4743E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00115	1.8409E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8409E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.00025	4.002E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.002E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00108	1.7289E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7289E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000559	8.9485E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9485E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.0000984	1.5752E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5752E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000142	-2.2731E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2731E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000954	-1.5272E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5272E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00214	-3.4257E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.4257E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.0013	-2.081E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.081E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000827	-1.3239E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3239E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000748	-1.1974E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1974E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.000582	-9.3167E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.3167E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000712	-1.1398E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1398E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000148	2.3692E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.3692E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000531	8.5002E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.5002E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00357	5.7149E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.7149E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00384	-6.1471E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1471E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00291	-4.6583E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6583E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00348	-5.5708E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.5708E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00383	-6.1311E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1311E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00255	-4.082E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.082E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00379	-6.067E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.067E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00448	-7.1716E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1716E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00576	-9.2206E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.2206E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00317	-5.0745E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0745E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00175	-2.8014E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8014E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.0000822	-1.3159E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3159E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000464	7.4277E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4277E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000606	9.7008E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.7008E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.0024	-3.8419E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.8419E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00149	-2.3852E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3852E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00225	3.6018E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6018E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00286	-4.5783E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.5783E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00475	-7.6038E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6038E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000428	-6.8514E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.8514E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000548	-8.7724E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.7724E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000898	-1.4375E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4375E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000313	5.0105E-12	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0105E-12	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000915	-1.4647E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4647E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000449	-7.1876E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1876E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000503	8.052E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.052E-11	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000542	8.6763E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.6763E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000521	8.3402E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3402E-10	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.00000331	5.2986E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2986E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.0000062	9.925E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.925E-11	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000328	5.2506E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2506E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.00047	7.5238E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5238E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000175	2.8014E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8014E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000449	7.1876E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.1876E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000317	5.0745E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0745E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00087	-1.3927E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3927E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00169	-2.7054E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7054E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00304	-4.8664E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8664E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00386	-6.1791E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1791E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000976	-1.5624E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5624E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000497	-7.956E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.956E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000205	3.2816E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2816E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000196	3.1376E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1376E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000011	1.7609E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7609E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000859	1.3751E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3751E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000128	2.049E-11	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.049E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000603	9.6528E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.6528E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00267	-4.2741E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2741E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00248	-3.97E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.97E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00309	-4.9465E-08	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9465E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.0005	-8.004E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.004E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000471	-7.5398E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5398E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000246	3.938E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.938E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000238	3.8099E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.8099E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000125	2.001E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.001E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000112	1.7929E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7929E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.00017	2.7214E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7214E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.00017	2.7214E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7214E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000261	4.1781E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1781E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000251	4.018E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.018E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.00029	4.6423E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.6423E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000153	2.4492E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4492E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000384	-6.1471E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1471E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000462	-7.3957E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3957E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000259	4.1461E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1461E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000296	-4.7384E-09	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7384E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000406	6.4992E-10	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4992E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0248	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0164	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.0028	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	-0.00317	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	-0.00261	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.00545	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.00873	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0146	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00477	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.004	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00332	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Alternative 4 RAST Output 30 Year Adult Resident 16-46 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:27:28 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_30-Year Adult Resident_16-46_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00461	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00215	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0356	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0247	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.025	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0313	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0356	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.119	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0617	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0709	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0607	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.203	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0803	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0727	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.0913	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.14	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.225	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0511	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.169	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0338	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0799	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	-0.00687	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0124	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.00924	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.0956	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.127	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0581	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	-0.0288	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.122	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000271	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000194	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000156	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00018	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000119	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	-0.000245	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	-0.000326	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	-0.000269	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	-0.00121	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000205	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000271	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	-0.00045	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0117	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	-0.000286	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	-0.000182	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0571	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0507	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	-0.001	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0829	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.102	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.132	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0485	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.008	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.00822	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00217	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00124	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00402	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0469	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.171	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.164	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.162	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0321	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	-0.0143	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.00322	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0687	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0149	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00608	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.00972	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00759	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.02	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.003	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0196	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0181	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0327	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00696	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00345	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0125	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00524	0	46YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-2.88E-07	-9.29E-10	25YrCancerHighEnd_InhSoilDerm	-1.94E-10	-5.25E-10	-2.10E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-1.75E-07	-5.65E-10	25YrCancerHighEnd_InhSoilDerm	-1.18E-10	-3.19E-10	-1.28E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	4.55E-08	1.47E-10	25YrCancerHighEnd_InhSoilDerm	3.07E-11	8.29E-11	3.32E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	2.43E-08	7.84E-11	25YrCancerHighEnd_InhSoilDerm	1.64E-11	4.43E-11	1.77E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	1.59E-08	5.13E-11	25YrCancerHighEnd_InhSoilDerm	1.07E-11	2.90E-11	1.16E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-1.23E-08	-3.97E-11	25YrCancerHighEnd_InhSoilDerm	-8.30E-12	-2.24E-11	-8.97E-12	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-4.36E-08	-1.41E-10	25YrCancerHighEnd_InhSoilDerm	-2.94E-11	-7.95E-11	-3.18E-11	0.00E+00
8	-672.12	353.55	7440382	Arsenic	1.71E-08	5.52E-11	25YrCancerHighEnd_InhSoilDerm	1.15E-11	3.12E-11	1.25E-11	0.00E+00
9	-169.37	170.38	7440382	Arsenic	3.89E-07	1.26E-09	25YrCancerHighEnd_InhSoilDerm	2.63E-10	7.09E-10	2.84E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	3.20E-07	1.03E-09	25YrCancerHighEnd_InhSoilDerm	2.16E-10	5.83E-10	2.33E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	2.78E-07	8.97E-10	25YrCancerHighEnd_InhSoilDerm	1.88E-10	5.07E-10	2.03E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	3.05E-07	9.84E-10	25YrCancerHighEnd_InhSoilDerm	2.06E-10	5.56E-10	2.22E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.95E-07	1.92E-09	25YrCancerHighEnd_InhSoilDerm	4.02E-10	1.08E-09	4.34E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.24E-06	4.00E-09	25YrCancerHighEnd_InhSoilDerm	8.37E-10	2.26E-09	9.04E-10	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.17E-07	2.96E-09	25YrCancerHighEnd_InhSoilDerm	6.19E-10	1.67E-09	6.69E-10	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.36E-07	2.70E-09	25YrCancerHighEnd_InhSoilDerm	5.64E-10	1.52E-09	6.10E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	8.92E-07	2.88E-09	25YrCancerHighEnd_InhSoilDerm	6.02E-10	1.63E-09	6.50E-10	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.10E-07	2.94E-09	25YrCancerHighEnd_InhSoilDerm	6.14E-10	1.66E-09	6.64E-10	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.46E-06	7.94E-09	25YrCancerHighEnd_InhSoilDerm	1.66E-09	4.48E-09	1.79E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.39E-06	4.49E-09	25YrCancerHighEnd_InhSoilDerm	9.38E-10	2.53E-09	1.01E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	1.76E-06	5.68E-09	25YrCancerHighEnd_InhSoilDerm	1.19E-09	3.21E-09	1.28E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.61E-06	5.20E-09	25YrCancerHighEnd_InhSoilDerm	1.09E-09	2.93E-09	1.17E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	4.84E-06	1.56E-08	25YrCancerHighEnd_InhSoilDerm	3.27E-09	8.82E-09	3.53E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.64E-06	8.52E-09	25YrCancerHighEnd_InhSoilDerm	1.78E-09	4.81E-09	1.92E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.83E-06	9.13E-09	25YrCancerHighEnd_InhSoilDerm	1.91E-09	5.16E-09	2.06E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	3.41E-06	1.10E-08	25YrCancerHighEnd_InhSoilDerm	2.30E-09	6.22E-09	2.49E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	4.28E-06	1.38E-08	25YrCancerHighEnd_InhSoilDerm	2.89E-09	7.80E-09	3.12E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-2.19E-06	-7.07E-09	25YrCancerHighEnd_InhSoilDerm	-1.48E-09	-3.99E-09	-1.60E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	1.16E-06	3.74E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-10	2.11E-09	8.46E-10	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-1.03E-06	-3.32E-09	25YrCancerHighEnd_InhSoilDerm	-6.95E-10	-1.88E-09	-7.51E-10	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-2.75E-07	-8.87E-10	25YrCancerHighEnd_InhSoilDerm	-1.86E-10	-5.01E-10	-2.01E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.16E-06	-3.74E-09	25YrCancerHighEnd_InhSoilDerm	-7.83E-10	-2.11E-09	-8.46E-10	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.89E-10	-3.19E-12	25YrCancerHighEnd_InhSoilDerm	-6.68E-13	-1.80E-12	-7.21E-13	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-4.34E-08	-1.40E-10	25YrCancerHighEnd_InhSoilDerm	-2.93E-11	-7.91E-11	-3.16E-11	0.00E+00
35	-420.73	233.87	7440382	Arsenic	1.99E-07	6.42E-10	25YrCancerHighEnd_InhSoilDerm	1.34E-10	3.63E-10	1.45E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	1.79E-06	5.78E-09	25YrCancerHighEnd_InhSoilDerm	1.21E-09	3.26E-09	1.31E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	2.58E-06	8.33E-09	25YrCancerHighEnd_InhSoilDerm	1.74E-09	4.70E-09	1.88E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.62E-06	5.23E-09	25YrCancerHighEnd_InhSoilDerm	1.09E-09	2.95E-09	1.18E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	1.24E-06	4.00E-09	25YrCancerHighEnd_InhSoilDerm	8.37E-10	2.26E-09	9.04E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-1.95E-06	-6.29E-09	25YrCancerHighEnd_InhSoilDerm	-1.32E-09	-3.55E-09	-1.42E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	1.85E-08	5.97E-11	25YrCancerHighEnd_InhSoilDerm	1.25E-11	3.37E-11	1.35E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	1.38E-08	4.45E-11	25YrCancerHighEnd_InhSoilDerm	9.32E-12	2.52E-11	1.01E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	1.89E-08	6.10E-11	25YrCancerHighEnd_InhSoilDerm	1.28E-11	3.45E-11	1.38E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	2.60E-08	8.39E-11	25YrCancerHighEnd_InhSoilDerm	1.76E-11	4.74E-11	1.90E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	3.84E-08	1.24E-10	25YrCancerHighEnd_InhSoilDerm	2.59E-11	7.00E-11	2.80E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	4.44E-08	1.43E-10	25YrCancerHighEnd_InhSoilDerm	3.00E-11	8.09E-11	3.24E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	5.27E-08	1.70E-10	25YrCancerHighEnd_InhSoilDerm	3.56E-11	9.61E-11	3.84E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	4.45E-08	1.44E-10	25YrCancerHighEnd_InhSoilDerm	3.00E-11	8.11E-11	3.24E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	2.52E-08	8.13E-11	25YrCancerHighEnd_InhSoilDerm	1.70E-11	4.59E-11	1.84E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	2.56E-08	8.26E-11	25YrCancerHighEnd_InhSoilDerm	1.73E-11	4.67E-11	1.87E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	2.81E-08	9.07E-11	25YrCancerHighEnd_InhSoilDerm	1.90E-11	5.12E-11	2.05E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	1.38E-08	4.45E-11	25YrCancerHighEnd_InhSoilDerm	9.32E-12	2.52E-11	1.01E-11	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-4.07E-08	-1.31E-10	25YrCancerHighEnd_InhSoilDerm	-2.75E-11	-7.42E-11	-2.97E-11	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	2.26E-08	7.29E-11	25YrCancerHighEnd_InhSoilDerm	1.53E-11	4.12E-11	1.65E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	4.78E-08	1.54E-10	25YrCancerHighEnd_InhSoilDerm	3.23E-11	8.71E-11	3.49E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.67E-06	5.39E-09	25YrCancerHighEnd_InhSoilDerm	1.13E-09	3.04E-09	1.22E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.18E-06	3.81E-09	25YrCancerHighEnd_InhSoilDerm	7.97E-10	2.15E-09	8.60E-10	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.69E-07	8.68E-10	25YrCancerHighEnd_InhSoilDerm	1.82E-10	4.90E-10	1.96E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.44E-06	-4.65E-09	25YrCancerHighEnd_InhSoilDerm	-9.72E-10	-2.62E-09	-1.05E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-5.47E-07	-1.77E-09	25YrCancerHighEnd_InhSoilDerm	-3.69E-10	-9.97E-10	-3.99E-10	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	2.88E-06	9.29E-09	25YrCancerHighEnd_InhSoilDerm	1.94E-09	5.25E-09	2.10E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.16E-06	3.74E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-10	2.11E-09	8.46E-10	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.07E-07	6.68E-10	25YrCancerHighEnd_InhSoilDerm	1.40E-10	3.77E-10	1.51E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.16E-07	6.97E-10	25YrCancerHighEnd_InhSoilDerm	1.46E-10	3.94E-10	1.57E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.88E-08	2.22E-10	25YrCancerHighEnd_InhSoilDerm	4.65E-11	1.25E-10	5.02E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	1.10E-07	3.55E-10	25YrCancerHighEnd_InhSoilDerm	7.43E-11	2.01E-10	8.02E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.18E-07	3.81E-10	25YrCancerHighEnd_InhSoilDerm	7.97E-11	2.15E-10	8.60E-11	0.00E+00
68	1088	-938	7440382	Arsenic	1.19E-06	3.84E-09	25YrCancerHighEnd_InhSoilDerm	8.03E-10	2.17E-09	8.68E-10	0.00E+00
69	1647	-390	7440382	Arsenic	3.92E-06	1.27E-08	25YrCancerHighEnd_InhSoilDerm	2.65E-09	7.15E-09	2.86E-09	0.00E+00
70	1650	-890	7440382	Arsenic	3.88E-06	1.25E-08	25YrCancerHighEnd_InhSoilDerm	2.62E-09	7.07E-09	2.83E-09	0.00E+00
71	1430	215	7440382	Arsenic	3.62E-06	1.17E-08	25YrCancerHighEnd_InhSoilDerm	2.44E-09	6.60E-09	2.64E-09	0.00E+00
72	1142	615	7440382	Arsenic	8.36E-07	2.70E-09	25YrCancerHighEnd_InhSoilDerm	5.64E-10	1.52E-09	6.10E-10	0.00E+00
73	-333	-788	7440382	Arsenic	3.90E-07	1.26E-09	25YrCancerHighEnd_InhSoilDerm	2.63E-10	7.11E-10	2.84E-10	0.00E+00
74	-42	-825	7440382	Arsenic	6.54E-07	2.11E-09	25YrCancerHighEnd_InhSoilDerm	4.42E-10	1.19E-09	4.77E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.53E-06	4.94E-09	25YrCancerHighEnd_InhSoilDerm	1.03E-09	2.79E-09	1.12E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.83E-07	1.24E-09	25YrCancerHighEnd_InhSoilDerm	2.59E-10	6.98E-10	2.79E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.68E-07	5.42E-10	25YrCancerHighEnd_InhSoilDerm	1.13E-10	3.06E-10	1.23E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.54E-07	8.20E-10	25YrCancerHighEnd_InhSoilDerm	1.71E-10	4.63E-10	1.85E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	2.00E-07	6.45E-10	25YrCancerHighEnd_InhSoilDerm	1.35E-10	3.65E-10	1.46E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	4.80E-07	1.55E-09	25YrCancerHighEnd_InhSoilDerm	3.24E-10	8.75E-10	3.50E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.23E-08	2.98E-10	25YrCancerHighEnd_InhSoilDerm	6.23E-11	1.68E-10	6.73E-11	0.00E+00
82	2577	-940	7440382	Arsenic	4.70E-07	1.52E-09	25YrCancerHighEnd_InhSoilDerm	3.17E-10	8.57E-10	3.43E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.33E-07	1.40E-09	25YrCancerHighEnd_InhSoilDerm	2.92E-10	7.89E-10	3.16E-10	0.00E+00
84	1577	291	7440382	Arsenic	7.75E-07	2.50E-09	25YrCancerHighEnd_InhSoilDerm	5.23E-10	1.41E-09	5.65E-10	0.00E+00
85	2400	240	7440382	Arsenic	1.96E-07	6.33E-10	25YrCancerHighEnd_InhSoilDerm	1.32E-10	3.57E-10	1.43E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.10E-08	2.94E-10	25YrCancerHighEnd_InhSoilDerm	6.14E-11	1.66E-10	6.64E-11	0.00E+00
87	900	935	7440382	Arsenic	9.33E-07	3.01E-09	25YrCancerHighEnd_InhSoilDerm	6.30E-10	1.70E-09	6.80E-10	0.00E+00
88	1375	1395	7440382	Arsenic	1.85E-07	5.97E-10	25YrCancerHighEnd_InhSoilDerm	1.25E-10	3.37E-10	1.35E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	1.29E-07	1.09E-10	25YrCancerHighEnd_InhSoilDerm	1.09E-10	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	1.20E-07	1.01E-10	25YrCancerHighEnd_InhSoilDerm	1.01E-10	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	1.00E-07	8.44E-11	25YrCancerHighEnd_InhSoilDerm	8.44E-11	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	7.85E-08	6.62E-11	25YrCancerHighEnd_InhSoilDerm	6.62E-11	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	6.21E-08	5.24E-11	25YrCancerHighEnd_InhSoilDerm	5.24E-11	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	7.62E-08	6.43E-11	25YrCancerHighEnd_InhSoilDerm	6.43E-11	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	9.49E-08	8.01E-11	25YrCancerHighEnd_InhSoilDerm	8.01E-11	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	3.39E-07	2.86E-10	25YrCancerHighEnd_InhSoilDerm	2.86E-10	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	5.76E-07	4.86E-10	25YrCancerHighEnd_InhSoilDerm	4.86E-10	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	4.11E-07	3.47E-10	25YrCancerHighEnd_InhSoilDerm	3.47E-10	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	2.64E-07	2.23E-10	25YrCancerHighEnd_InhSoilDerm	2.23E-10	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	2.14E-07	1.81E-10	25YrCancerHighEnd_InhSoilDerm	1.81E-10	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	1.90E-07	1.60E-10	25YrCancerHighEnd_InhSoilDerm	1.60E-10	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	1.59E-07	1.34E-10	25YrCancerHighEnd_InhSoilDerm	1.34E-10	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	1.48E-07	1.25E-10	25YrCancerHighEnd_InhSoilDerm	1.25E-10	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	1.35E-07	1.14E-10	25YrCancerHighEnd_InhSoilDerm	1.14E-10	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	1.23E-07	1.04E-10	25YrCancerHighEnd_InhSoilDerm	1.04E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	1.14E-07	9.62E-11	25YrCancerHighEnd_InhSoilDerm	9.62E-11	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	7.72E-08	6.52E-11	25YrCancerHighEnd_InhSoilDerm	6.52E-11	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	7.99E-08	6.74E-11	25YrCancerHighEnd_InhSoilDerm	6.74E-11	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	9.55E-08	8.06E-11	25YrCancerHighEnd_InhSoilDerm	8.06E-11	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	1.93E-07	1.63E-10	25YrCancerHighEnd_InhSoilDerm	1.63E-10	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	5.59E-07	4.72E-10	25YrCancerHighEnd_InhSoilDerm	4.72E-10	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	1.02E-06	8.61E-10	25YrCancerHighEnd_InhSoilDerm	8.61E-10	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	1.52E-06	1.28E-09	25YrCancerHighEnd_InhSoilDerm	1.28E-09	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	2.12E-06	1.79E-09	25YrCancerHighEnd_InhSoilDerm	1.79E-09	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	2.88E-06	2.43E-09	25YrCancerHighEnd_InhSoilDerm	2.43E-09	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	2.91E-06	2.46E-09	25YrCancerHighEnd_InhSoilDerm	2.46E-09	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	3.25E-06	2.74E-09	25YrCancerHighEnd_InhSoilDerm	2.74E-09	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	3.42E-06	2.89E-09	25YrCancerHighEnd_InhSoilDerm	2.89E-09	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	2.10E-07	1.77E-10	25YrCancerHighEnd_InhSoilDerm	1.77E-10	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	1.85E-07	1.56E-10	25YrCancerHighEnd_InhSoilDerm	1.56E-10	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	1.28E-07	1.08E-10	25YrCancerHighEnd_InhSoilDerm	1.08E-10	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	1.64E-07	1.38E-10	25YrCancerHighEnd_InhSoilDerm	1.38E-10	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	5.34E-07	4.51E-10	25YrCancerHighEnd_InhSoilDerm	4.51E-10	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	9.68E-08	8.17E-11	25YrCancerHighEnd_InhSoilDerm	8.17E-11	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	8.53E-08	7.20E-11	25YrCancerHighEnd_InhSoilDerm	7.20E-11	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	3.16E-07	2.67E-10	25YrCancerHighEnd_InhSoilDerm	2.67E-10	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	3.07E-06	2.59E-09	25YrCancerHighEnd_InhSoilDerm	2.59E-09	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	8.30E-07	7.00E-10	25YrCancerHighEnd_InhSoilDerm	7.00E-10	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	1.90E-08	1.60E-11	25YrCancerHighEnd_InhSoilDerm	1.60E-11	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	1.35E-08	1.14E-11	25YrCancerHighEnd_InhSoilDerm	1.14E-11	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	2.24E-08	1.89E-11	25YrCancerHighEnd_InhSoilDerm	1.89E-11	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	2.49E-08	2.10E-11	25YrCancerHighEnd_InhSoilDerm	2.10E-11	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	4.98E-08	4.20E-11	25YrCancerHighEnd_InhSoilDerm	4.20E-11	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	6.46E-08	5.45E-11	25YrCancerHighEnd_InhSoilDerm	5.45E-11	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	7.57E-08	6.39E-11	25YrCancerHighEnd_InhSoilDerm	6.39E-11	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	5.68E-08	4.79E-11	25YrCancerHighEnd_InhSoilDerm	4.79E-11	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	4.93E-08	4.16E-11	25YrCancerHighEnd_InhSoilDerm	4.16E-11	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	3.00E-08	2.53E-11	25YrCancerHighEnd_InhSoilDerm	2.53E-11	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	3.03E-08	2.56E-11	25YrCancerHighEnd_InhSoilDerm	2.56E-11	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	2.29E-08	1.93E-11	25YrCancerHighEnd_InhSoilDerm	1.93E-11	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	1.56E-07	1.32E-10	25YrCancerHighEnd_InhSoilDerm	1.32E-10	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	3.01E-08	2.54E-11	25YrCancerHighEnd_InhSoilDerm	2.54E-11	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	5.91E-08	4.99E-11	25YrCancerHighEnd_InhSoilDerm	4.99E-11	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	8.26E-07	6.97E-10	25YrCancerHighEnd_InhSoilDerm	6.97E-10	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	1.19E-07	1.00E-10	25YrCancerHighEnd_InhSoilDerm	1.00E-10	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	1.18E-07	9.96E-11	25YrCancerHighEnd_InhSoilDerm	9.96E-11	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	3.00E-07	2.53E-10	25YrCancerHighEnd_InhSoilDerm	2.53E-10	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	2.45E-06	2.07E-09	25YrCancerHighEnd_InhSoilDerm	2.07E-09	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	1.97E-07	1.66E-10	25YrCancerHighEnd_InhSoilDerm	1.66E-10	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	1.72E-07	1.45E-10	25YrCancerHighEnd_InhSoilDerm	1.45E-10	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	4.72E-08	3.98E-11	25YrCancerHighEnd_InhSoilDerm	3.98E-11	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	3.78E-08	3.19E-11	25YrCancerHighEnd_InhSoilDerm	3.19E-11	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	1.66E-08	1.40E-11	25YrCancerHighEnd_InhSoilDerm	1.40E-11	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	8.59E-08	7.25E-11	25YrCancerHighEnd_InhSoilDerm	7.25E-11	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	2.13E-08	1.80E-11	25YrCancerHighEnd_InhSoilDerm	1.80E-11	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	3.44E-07	2.90E-10	25YrCancerHighEnd_InhSoilDerm	2.90E-10	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	6.90E-08	5.82E-11	25YrCancerHighEnd_InhSoilDerm	5.82E-11	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	1.71E-07	1.44E-10	25YrCancerHighEnd_InhSoilDerm	1.44E-10	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	6.03E-08	5.09E-11	25YrCancerHighEnd_InhSoilDerm	5.09E-11	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	8.26E-08	6.97E-11	25YrCancerHighEnd_InhSoilDerm	6.97E-11	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	1.17E-06	9.87E-10	25YrCancerHighEnd_InhSoilDerm	9.87E-10	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	1.14E-06	9.62E-10	25YrCancerHighEnd_InhSoilDerm	9.62E-10	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	1.53E-07	1.29E-10	25YrCancerHighEnd_InhSoilDerm	1.29E-10	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	1.11E-07	9.37E-11	25YrCancerHighEnd_InhSoilDerm	9.37E-11	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	6.16E-08	5.20E-11	25YrCancerHighEnd_InhSoilDerm	5.20E-11	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	8.10E-08	6.84E-11	25YrCancerHighEnd_InhSoilDerm	6.84E-11	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	6.47E-08	5.46E-11	25YrCancerHighEnd_InhSoilDerm	5.46E-11	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	8.99E-08	7.59E-11	25YrCancerHighEnd_InhSoilDerm	7.59E-11	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	2.01E-08	1.70E-11	25YrCancerHighEnd_InhSoilDerm	1.70E-11	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	5.95E-08	5.02E-11	25YrCancerHighEnd_InhSoilDerm	5.02E-11	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	3.89E-08	3.28E-11	25YrCancerHighEnd_InhSoilDerm	3.28E-11	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	5.08E-08	4.29E-11	25YrCancerHighEnd_InhSoilDerm	4.29E-11	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	2.74E-08	2.31E-11	25YrCancerHighEnd_InhSoilDerm	2.31E-11	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	2.28E-08	1.92E-11	25YrCancerHighEnd_InhSoilDerm	1.92E-11	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	9.63E-08	8.13E-11	25YrCancerHighEnd_InhSoilDerm	8.13E-11	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	5.65E-08	4.77E-11	25YrCancerHighEnd_InhSoilDerm	4.77E-11	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-3.34E-06	-9.81E-08	25YrCancerHighEnd_InhSoilDerm	-9.58E-08	-2.03E-09	-2.71E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.20E-06	-6.46E-08	25YrCancerHighEnd_InhSoilDerm	-6.31E-08	-1.34E-09	-1.78E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	-9.36E-08	-2.75E-09	25YrCancerHighEnd_InhSoilDerm	-2.69E-09	-5.69E-11	-7.58E-12	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	-1.50E-07	-4.41E-09	25YrCancerHighEnd_InhSoilDerm	-4.30E-09	-9.11E-11	-1.22E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	-1.48E-07	-4.35E-09	25YrCancerHighEnd_InhSoilDerm	-4.25E-09	-8.99E-11	-1.20E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-4.04E-07	-1.19E-08	25YrCancerHighEnd_InhSoilDerm	-1.16E-08	-2.45E-10	-3.27E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-5.96E-07	-1.75E-08	25YrCancerHighEnd_InhSoilDerm	-1.71E-08	-3.62E-10	-4.83E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.42E-06	-4.17E-08	25YrCancerHighEnd_InhSoilDerm	-4.07E-08	-8.63E-10	-1.15E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.27E-06	3.73E-08	25YrCancerHighEnd_InhSoilDerm	3.64E-08	7.72E-10	1.03E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.14E-06	3.35E-08	25YrCancerHighEnd_InhSoilDerm	3.27E-08	6.93E-10	9.24E-11	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.20E-06	3.53E-08	25YrCancerHighEnd_InhSoilDerm	3.44E-08	7.29E-10	9.72E-11	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.55E-06	4.55E-08	25YrCancerHighEnd_InhSoilDerm	4.45E-08	9.42E-10	1.26E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.19E-06	9.37E-08	25YrCancerHighEnd_InhSoilDerm	9.15E-08	1.94E-09	2.58E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	8.92E-06	2.62E-07	25YrCancerHighEnd_InhSoilDerm	2.56E-07	5.42E-09	7.23E-10	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	6.45E-06	1.90E-07	25YrCancerHighEnd_InhSoilDerm	1.85E-07	3.92E-09	5.23E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	6.06E-06	1.78E-07	25YrCancerHighEnd_InhSoilDerm	1.74E-07	3.68E-09	4.91E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	6.80E-06	2.00E-07	25YrCancerHighEnd_InhSoilDerm	1.95E-07	4.13E-09	5.51E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	7.21E-06	2.12E-07	25YrCancerHighEnd_InhSoilDerm	2.07E-07	4.38E-09	5.84E-10	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.11E-05	6.20E-07	25YrCancerHighEnd_InhSoilDerm	6.05E-07	1.28E-08	1.71E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.18E-05	3.47E-07	25YrCancerHighEnd_InhSoilDerm	3.39E-07	7.17E-09	9.56E-10	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.47E-05	4.32E-07	25YrCancerHighEnd_InhSoilDerm	4.22E-07	8.93E-09	1.19E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.36E-05	4.00E-07	25YrCancerHighEnd_InhSoilDerm	3.90E-07	8.26E-09	1.10E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	3.86E-05	1.13E-06	25YrCancerHighEnd_InhSoilDerm	1.11E-06	2.35E-08	3.13E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	1.75E-05	5.14E-07	25YrCancerHighEnd_InhSoilDerm	5.02E-07	1.06E-08	1.42E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.65E-05	4.85E-07	25YrCancerHighEnd_InhSoilDerm	4.73E-07	1.00E-08	1.34E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	1.89E-05	5.55E-07	25YrCancerHighEnd_InhSoilDerm	5.42E-07	1.15E-08	1.53E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.40E-05	7.05E-07	25YrCancerHighEnd_InhSoilDerm	6.89E-07	1.46E-08	1.94E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-3.42E-05	-1.00E-06	25YrCancerHighEnd_InhSoilDerm	-9.81E-07	-2.08E-08	-2.77E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-6.11E-06	-1.80E-07	25YrCancerHighEnd_InhSoilDerm	-1.75E-07	-3.71E-09	-4.95E-10	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-2.61E-05	-7.67E-07	25YrCancerHighEnd_InhSoilDerm	-7.49E-07	-1.59E-08	-2.11E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-3.93E-06	-1.15E-07	25YrCancerHighEnd_InhSoilDerm	-1.13E-07	-2.39E-09	-3.18E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.16E-05	-3.41E-07	25YrCancerHighEnd_InhSoilDerm	-3.33E-07	-7.05E-09	-9.40E-10	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-6.75E-07	-1.98E-08	25YrCancerHighEnd_InhSoilDerm	-1.94E-08	-4.10E-10	-5.47E-11	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.07E-06	-3.14E-08	25YrCancerHighEnd_InhSoilDerm	-3.07E-08	-6.50E-10	-8.67E-11	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-5.69E-07	-1.67E-08	25YrCancerHighEnd_InhSoilDerm	-1.63E-08	-3.46E-10	-4.61E-11	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.58E-05	4.64E-07	25YrCancerHighEnd_InhSoilDerm	4.53E-07	9.60E-09	1.28E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.22E-05	6.52E-07	25YrCancerHighEnd_InhSoilDerm	6.37E-07	1.35E-08	1.80E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.30E-05	3.82E-07	25YrCancerHighEnd_InhSoilDerm	3.73E-07	7.90E-09	1.05E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-3.75E-06	-1.10E-07	25YrCancerHighEnd_InhSoilDerm	-1.08E-07	-2.28E-09	-3.04E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.05E-05	-6.02E-07	25YrCancerHighEnd_InhSoilDerm	-5.88E-07	-1.25E-08	-1.66E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	7.75E-08	2.28E-09	25YrCancerHighEnd_InhSoilDerm	2.22E-09	4.71E-11	6.28E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	5.95E-08	1.75E-09	25YrCancerHighEnd_InhSoilDerm	1.71E-09	3.62E-11	4.82E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	6.28E-08	1.85E-09	25YrCancerHighEnd_InhSoilDerm	1.80E-09	3.82E-11	5.09E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.07E-07	3.14E-09	25YrCancerHighEnd_InhSoilDerm	3.07E-09	6.50E-11	8.67E-12	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	1.01E-07	2.97E-09	25YrCancerHighEnd_InhSoilDerm	2.90E-09	6.14E-11	8.18E-12	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	8.42E-08	2.47E-09	25YrCancerHighEnd_InhSoilDerm	2.42E-09	5.12E-11	6.82E-12	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	1.03E-07	3.03E-09	25YrCancerHighEnd_InhSoilDerm	2.96E-09	6.26E-11	8.34E-12	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.27E-07	3.73E-09	25YrCancerHighEnd_InhSoilDerm	3.64E-09	7.72E-11	1.03E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	-1.19E-08	-3.50E-10	25YrCancerHighEnd_InhSoilDerm	-3.41E-10	-7.23E-12	-9.64E-13	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	8.19E-08	2.41E-09	25YrCancerHighEnd_InhSoilDerm	2.35E-09	4.98E-11	6.64E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.01E-07	2.97E-09	25YrCancerHighEnd_InhSoilDerm	2.90E-09	6.14E-11	8.18E-12	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.75E-08	5.14E-10	25YrCancerHighEnd_InhSoilDerm	5.02E-10	1.06E-11	1.42E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.00E-06	-2.94E-08	25YrCancerHighEnd_InhSoilDerm	-2.87E-08	-6.08E-10	-8.10E-11	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	5.29E-08	1.55E-09	25YrCancerHighEnd_InhSoilDerm	1.52E-09	3.21E-11	4.29E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	1.49E-07	4.38E-09	25YrCancerHighEnd_InhSoilDerm	4.28E-09	9.05E-11	1.21E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.09E-05	3.20E-07	25YrCancerHighEnd_InhSoilDerm	3.13E-07	6.62E-09	8.83E-10	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	9.43E-06	2.77E-07	25YrCancerHighEnd_InhSoilDerm	2.71E-07	5.73E-09	7.64E-10	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.26E-06	3.70E-08	25YrCancerHighEnd_InhSoilDerm	3.62E-08	7.66E-10	1.02E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.37E-05	-4.03E-07	25YrCancerHighEnd_InhSoilDerm	-3.93E-07	-8.32E-09	-1.11E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-1.65E-05	-4.85E-07	25YrCancerHighEnd_InhSoilDerm	-4.73E-07	-1.00E-08	-1.34E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.39E-05	7.02E-07	25YrCancerHighEnd_InhSoilDerm	6.86E-07	1.45E-08	1.94E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	9.20E-06	2.70E-07	25YrCancerHighEnd_InhSoilDerm	2.64E-07	5.59E-09	7.45E-10	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.64E-06	4.82E-08	25YrCancerHighEnd_InhSoilDerm	4.71E-08	9.96E-10	1.33E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	1.74E-06	5.11E-08	25YrCancerHighEnd_InhSoilDerm	4.99E-08	1.06E-09	1.41E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	5.00E-07	1.47E-08	25YrCancerHighEnd_InhSoilDerm	1.43E-08	3.04E-10	4.05E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	5.33E-07	1.57E-08	25YrCancerHighEnd_InhSoilDerm	1.53E-08	3.24E-10	4.32E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	8.92E-07	2.62E-08	25YrCancerHighEnd_InhSoilDerm	2.56E-08	5.42E-10	7.23E-11	0.00E+00
244	1088	-938	18540299	Cr(VI)	9.03E-06	2.65E-07	25YrCancerHighEnd_InhSoilDerm	2.59E-07	5.49E-09	7.32E-10	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.25E-05	9.55E-07	25YrCancerHighEnd_InhSoilDerm	9.33E-07	1.97E-08	2.63E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.17E-05	9.31E-07	25YrCancerHighEnd_InhSoilDerm	9.10E-07	1.93E-08	2.57E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.01E-05	8.84E-07	25YrCancerHighEnd_InhSoilDerm	8.64E-07	1.83E-08	2.44E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	6.59E-06	1.94E-07	25YrCancerHighEnd_InhSoilDerm	1.89E-07	4.00E-09	5.34E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-1.95E-06	-5.73E-08	25YrCancerHighEnd_InhSoilDerm	-5.60E-08	-1.18E-09	-1.58E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	7.15E-07	2.10E-08	25YrCancerHighEnd_InhSoilDerm	2.05E-08	4.34E-10	5.79E-11	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.26E-05	3.70E-07	25YrCancerHighEnd_InhSoilDerm	3.62E-07	7.66E-09	1.02E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	2.90E-06	8.52E-08	25YrCancerHighEnd_InhSoilDerm	8.32E-08	1.76E-09	2.35E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.23E-06	3.61E-08	25YrCancerHighEnd_InhSoilDerm	3.53E-08	7.47E-10	9.96E-11	0.00E+00
254	2665	-2025	18540299	Cr(VI)	1.91E-06	5.61E-08	25YrCancerHighEnd_InhSoilDerm	5.48E-08	1.16E-09	1.55E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.51E-06	4.44E-08	25YrCancerHighEnd_InhSoilDerm	4.33E-08	9.18E-10	1.22E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	3.83E-06	1.13E-07	25YrCancerHighEnd_InhSoilDerm	1.10E-07	2.33E-09	3.10E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	6.90E-07	2.03E-08	25YrCancerHighEnd_InhSoilDerm	1.98E-08	4.19E-10	5.59E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	3.87E-06	1.14E-07	25YrCancerHighEnd_InhSoilDerm	1.11E-07	2.35E-09	3.14E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	3.56E-06	1.05E-07	25YrCancerHighEnd_InhSoilDerm	1.02E-07	2.16E-09	2.88E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	6.32E-06	1.86E-07	25YrCancerHighEnd_InhSoilDerm	1.81E-07	3.84E-09	5.12E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.50E-06	4.41E-08	25YrCancerHighEnd_InhSoilDerm	4.30E-08	9.11E-10	1.22E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	6.98E-07	2.05E-08	25YrCancerHighEnd_InhSoilDerm	2.00E-08	4.24E-10	5.65E-11	0.00E+00
263	900	935	18540299	Cr(VI)	5.98E-06	1.76E-07	25YrCancerHighEnd_InhSoilDerm	1.72E-07	3.63E-09	4.84E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.29E-06	3.79E-08	25YrCancerHighEnd_InhSoilDerm	3.70E-08	7.84E-10	1.05E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	3.99E-07	5.89E-12	25YrCancerHighEnd_InhSoilDerm	9.43E-13	4.12E-12	8.24E-13	0.00E+00
266	-1778.03	-291.29	7439921	Lead	1.10E-06	1.62E-11	25YrCancerHighEnd_InhSoilDerm	2.60E-12	1.14E-11	2.27E-12	0.00E+00
267	-1732.28	175.05	7439921	Lead	2.72E-06	4.01E-11	25YrCancerHighEnd_InhSoilDerm	6.43E-12	2.81E-11	5.62E-12	0.00E+00
268	-1579.43	347.93	7439921	Lead	2.39E-06	3.53E-11	25YrCancerHighEnd_InhSoilDerm	5.65E-12	2.47E-11	4.94E-12	0.00E+00
269	-1525.43	516.64	7439921	Lead	1.83E-06	2.70E-11	25YrCancerHighEnd_InhSoilDerm	4.32E-12	1.89E-11	3.78E-12	0.00E+00
270	-1332.88	500.04	7439921	Lead	2.72E-06	4.01E-11	25YrCancerHighEnd_InhSoilDerm	6.43E-12	2.81E-11	5.62E-12	0.00E+00
271	-1140.45	476.3	7439921	Lead	4.67E-06	6.89E-11	25YrCancerHighEnd_InhSoilDerm	1.10E-11	4.82E-11	9.65E-12	0.00E+00
272	-672.12	353.55	7439921	Lead	7.87E-06	1.16E-10	25YrCancerHighEnd_InhSoilDerm	1.86E-11	8.13E-11	1.63E-11	0.00E+00
273	-169.37	170.38	7439921	Lead	1.58E-05	2.33E-10	25YrCancerHighEnd_InhSoilDerm	3.73E-11	1.63E-10	3.26E-11	0.00E+00
274	-75.04	299.11	7439921	Lead	1.13E-05	1.67E-10	25YrCancerHighEnd_InhSoilDerm	2.67E-11	1.17E-10	2.33E-11	0.00E+00
275	49.15	527.2	7439921	Lead	7.83E-06	1.16E-10	25YrCancerHighEnd_InhSoilDerm	1.85E-11	8.09E-11	1.62E-11	0.00E+00
276	144.22	648.15	7439921	Lead	7.10E-06	1.05E-10	25YrCancerHighEnd_InhSoilDerm	1.68E-11	7.33E-11	1.47E-11	0.00E+00
277	394.15	623.31	7439921	Lead	9.29E-06	1.37E-10	25YrCancerHighEnd_InhSoilDerm	2.20E-11	9.60E-11	1.92E-11	0.00E+00
278	501.62	717.12	7439921	Lead	1.42E-05	2.10E-10	25YrCancerHighEnd_InhSoilDerm	3.36E-11	1.47E-10	2.93E-11	0.00E+00
279	618.47	665.12	7439921	Lead	1.14E-05	1.68E-10	25YrCancerHighEnd_InhSoilDerm	2.69E-11	1.18E-10	2.36E-11	0.00E+00
280	755.45	579.13	7439921	Lead	1.08E-05	1.59E-10	25YrCancerHighEnd_InhSoilDerm	2.55E-11	1.12E-10	2.23E-11	0.00E+00
281	867.79	485.41	7439921	Lead	1.13E-05	1.67E-10	25YrCancerHighEnd_InhSoilDerm	2.67E-11	1.17E-10	2.33E-11	0.00E+00
282	955.03	377.6	7439921	Lead	0.0000116	1.71E-10	25YrCancerHighEnd_InhSoilDerm	2.74E-11	1.20E-10	2.40E-11	0.00E+00
283	1331.68	-165.58	7439921	Lead	0.0000252	3.72E-10	25YrCancerHighEnd_InhSoilDerm	5.95E-11	2.60E-10	5.21E-11	0.00E+00
284	1406.74	-290.13	7439921	Lead	0.0000174	2.57E-10	25YrCancerHighEnd_InhSoilDerm	4.11E-11	1.80E-10	3.59E-11	0.00E+00
285	1456.2	-436.06	7439921	Lead	0.0000226	3.34E-10	25YrCancerHighEnd_InhSoilDerm	5.34E-11	2.33E-10	4.67E-11	0.00E+00
286	1209.21	-528.32	7439921	Lead	0.0000279	4.12E-10	25YrCancerHighEnd_InhSoilDerm	6.59E-11	2.88E-10	5.76E-11	0.00E+00
287	913.01	-694.67	7439921	Lead	0.0000562	8.29E-10	25YrCancerHighEnd_InhSoilDerm	1.33E-10	5.81E-10	1.16E-10	0.00E+00
288	717.24	-664.22	7439921	Lead	0.000043	6.35E-10	25YrCancerHighEnd_InhSoilDerm	1.02E-10	4.44E-10	8.88E-11	0.00E+00
289	544.23	-594.35	7439921	Lead	0.000051	7.53E-10	25YrCancerHighEnd_InhSoilDerm	1.21E-10	5.27E-10	1.05E-10	0.00E+00
290	338.12	-539.73	7439921	Lead	0.000063	9.30E-10	25YrCancerHighEnd_InhSoilDerm	1.49E-10	6.51E-10	1.30E-10	0.00E+00
291	123.44	-529.45	7439921	Lead	0.0000793	1.17E-09	25YrCancerHighEnd_InhSoilDerm	1.87E-10	8.19E-10	1.64E-10	0.00E+00
292	-353.26	-515.05	7439921	Lead	0.0000234	3.45E-10	25YrCancerHighEnd_InhSoilDerm	5.53E-11	2.42E-10	4.83E-11	0.00E+00
293	-537.68	-487.8	7439921	Lead	0.0000557	8.22E-10	25YrCancerHighEnd_InhSoilDerm	1.32E-10	5.75E-10	1.15E-10	0.00E+00
294	-775.51	-486.07	7439921	Lead	0.0000387	5.71E-10	25YrCancerHighEnd_InhSoilDerm	9.14E-11	4.00E-10	8.00E-11	0.00E+00
295	-1414.44	-481.5	7439921	Lead	0.0000024	3.54E-11	25YrCancerHighEnd_InhSoilDerm	5.67E-12	2.48E-11	4.96E-12	0.00E+00
296	-1515.21	-320.18	7439921	Lead	-5.49E-06	-8.10E-11	25YrCancerHighEnd_InhSoilDerm	-1.30E-11	-5.67E-11	-1.13E-11	0.00E+00
297	-1749.69	-63.9	7439921	Lead	2.74E-06	4.04E-11	25YrCancerHighEnd_InhSoilDerm	6.47E-12	2.83E-11	5.66E-12	0.00E+00
298	-920.57	426.17	7439921	Lead	5.17E-06	7.63E-11	25YrCancerHighEnd_InhSoilDerm	1.22E-11	5.34E-11	1.07E-11	0.00E+00
299	-420.73	233.87	7439921	Lead	1.29E-05	1.90E-10	25YrCancerHighEnd_InhSoilDerm	3.05E-11	1.33E-10	2.67E-11	0.00E+00
300	1090.12	214.1	7439921	Lead	1.93E-05	2.85E-10	25YrCancerHighEnd_InhSoilDerm	4.56E-11	1.99E-10	3.99E-11	0.00E+00
301	1183.39	65.17	7439921	Lead	2.59E-05	3.82E-10	25YrCancerHighEnd_InhSoilDerm	6.12E-11	2.68E-10	5.35E-11	0.00E+00
302	1055.3	-577.42	7439921	Lead	2.89E-05	4.27E-10	25YrCancerHighEnd_InhSoilDerm	6.83E-11	2.99E-10	5.97E-11	0.00E+00
303	-103.02	-518.78	7439921	Lead	5.52E-05	8.15E-10	25YrCancerHighEnd_InhSoilDerm	1.30E-10	5.70E-10	1.14E-10	0.00E+00
304	-1076.39	-488.67	7439921	Lead	-0.00000286	-4.22E-11	25YrCancerHighEnd_InhSoilDerm	-6.76E-12	-2.95E-11	-5.91E-12	0.00E+00
305	-4113.79	-1330.97	7439921	Lead	0.000000539	7.95E-12	25YrCancerHighEnd_InhSoilDerm	1.27E-12	5.57E-12	1.11E-12	0.00E+00
306	-5050.04	-958.41	7439921	Lead	0.000000392	5.79E-12	25YrCancerHighEnd_InhSoilDerm	9.26E-13	4.05E-12	8.10E-13	0.00E+00
307	-4023.97	-112.26	7439921	Lead	5.92E-07	8.74E-12	25YrCancerHighEnd_InhSoilDerm	1.40E-12	6.12E-12	1.22E-12	0.00E+00
308	-2122.34	995.23	7439921	Lead	7.64E-07	1.13E-11	25YrCancerHighEnd_InhSoilDerm	1.81E-12	7.89E-12	1.58E-12	0.00E+00
309	-2734.69	227.4	7439921	Lead	1.24E-06	1.83E-11	25YrCancerHighEnd_InhSoilDerm	2.93E-12	1.28E-11	2.56E-12	0.00E+00
310	-2371.11	-69.21	7439921	Lead	1.62E-06	2.39E-11	25YrCancerHighEnd_InhSoilDerm	3.83E-12	1.67E-11	3.35E-12	0.00E+00
311	-2146.26	177.17	7439921	Lead	1.93E-06	2.85E-11	25YrCancerHighEnd_InhSoilDerm	4.56E-12	1.99E-11	3.99E-12	0.00E+00
312	-1919.02	445.07	7439921	Lead	1.67E-06	2.46E-11	25YrCancerHighEnd_InhSoilDerm	3.95E-12	1.73E-11	3.45E-12	0.00E+00
313	-1651.12	607.72	7439921	Lead	1.43E-06	2.11E-11	25YrCancerHighEnd_InhSoilDerm	3.38E-12	1.48E-11	2.95E-12	0.00E+00
314	-3361.39	677.09	7439921	Lead	7.63E-07	1.13E-11	25YrCancerHighEnd_InhSoilDerm	1.80E-12	7.88E-12	1.58E-12	0.00E+00
315	-3026.51	724.93	7439921	Lead	8.04E-07	1.19E-11	25YrCancerHighEnd_InhSoilDerm	1.90E-12	8.30E-12	1.66E-12	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	7.20E-07	1.06E-11	25YrCancerHighEnd_InhSoilDerm	1.70E-12	7.44E-12	1.49E-12	0.00E+00
317	-922.86	446.42	7439921	Lead	4.96E-06	7.32E-11	25YrCancerHighEnd_InhSoilDerm	1.17E-11	5.12E-11	1.02E-11	0.00E+00
318	-1799.42	1088.51	7439921	Lead	8.72E-07	1.29E-11	25YrCancerHighEnd_InhSoilDerm	2.06E-12	9.01E-12	1.80E-12	0.00E+00
319	-359.36	1846.44	7439921	Lead	1.77E-06	2.61E-11	25YrCancerHighEnd_InhSoilDerm	4.18E-12	1.83E-11	3.66E-12	0.00E+00
320	671.3	-742.78	7439921	Lead	3.10E-05	4.58E-10	25YrCancerHighEnd_InhSoilDerm	7.33E-11	3.20E-10	6.40E-11	0.00E+00
321	-1565.55	-932.22	7439921	Lead	1.27E-05	1.87E-10	25YrCancerHighEnd_InhSoilDerm	3.00E-11	1.31E-10	2.62E-11	0.00E+00
322	-1733.02	-528.24	7439921	Lead	4.90E-06	7.23E-11	25YrCancerHighEnd_InhSoilDerm	1.16E-11	5.06E-11	1.01E-11	0.00E+00
323	-1261.46	-507.67	7439921	Lead	-5.96E-06	-8.80E-11	25YrCancerHighEnd_InhSoilDerm	-1.41E-11	-6.16E-11	-1.23E-11	0.00E+00
324	-883.92	-503.26	7439921	Lead	0.0000301	4.44E-10	25YrCancerHighEnd_InhSoilDerm	7.11E-11	3.11E-10	6.22E-11	0.00E+00
325	1599.35	-1104.97	7439921	Lead	0.0000305	4.50E-10	25YrCancerHighEnd_InhSoilDerm	7.21E-11	3.15E-10	6.30E-11	0.00E+00
326	1608.16	-1382.63	7439921	Lead	1.46E-05	2.15E-10	25YrCancerHighEnd_InhSoilDerm	3.45E-11	1.51E-10	3.02E-11	0.00E+00
327	3517.15	-1425.27	7439921	Lead	3.52E-06	5.20E-11	25YrCancerHighEnd_InhSoilDerm	8.32E-12	3.64E-11	7.27E-12	0.00E+00
328	2959.77	-846.37	7439921	Lead	3.58E-06	5.28E-11	25YrCancerHighEnd_InhSoilDerm	8.46E-12	3.70E-11	7.40E-12	0.00E+00
329	3479.67	224.81	7439921	Lead	0.00000106	1.56E-11	25YrCancerHighEnd_InhSoilDerm	2.50E-12	1.09E-11	2.19E-12	0.00E+00
330	44.43	1469.76	7439921	Lead	0.0000029	4.28E-11	25YrCancerHighEnd_InhSoilDerm	6.85E-12	3.00E-11	5.99E-12	0.00E+00
331	3044.83	-34	7439921	Lead	1.68E-06	2.48E-11	25YrCancerHighEnd_InhSoilDerm	3.97E-12	1.74E-11	3.47E-12	0.00E+00
332	1088	-938	7439921	Lead	1.96E-05	2.89E-10	25YrCancerHighEnd_InhSoilDerm	4.63E-11	2.02E-10	4.05E-11	0.00E+00
333	1647	-390	7439921	Lead	3.75E-05	5.53E-10	25YrCancerHighEnd_InhSoilDerm	8.86E-11	3.87E-10	7.75E-11	0.00E+00
334	1650	-890	7439921	Lead	3.96E-05	5.84E-10	25YrCancerHighEnd_InhSoilDerm	9.36E-11	4.09E-10	8.18E-11	0.00E+00
335	1430	215	7439921	Lead	3.31E-05	4.89E-10	25YrCancerHighEnd_InhSoilDerm	7.82E-11	3.42E-10	6.84E-11	0.00E+00
336	1142	615	7439921	Lead	0.0000098	1.45E-10	25YrCancerHighEnd_InhSoilDerm	2.32E-11	1.01E-10	2.02E-11	0.00E+00
337	-333	-788	7439921	Lead	0.0000216	3.19E-10	25YrCancerHighEnd_InhSoilDerm	5.10E-11	2.23E-10	4.46E-11	0.00E+00
338	-42	-825	7439921	Lead	0.0000237	3.50E-10	25YrCancerHighEnd_InhSoilDerm	5.60E-11	2.45E-10	4.90E-11	0.00E+00
339	1900	-1175	7439921	Lead	0.0000179	2.64E-10	25YrCancerHighEnd_InhSoilDerm	4.23E-11	1.85E-10	3.70E-11	0.00E+00
340	1815	-1910	7439921	Lead	0.00000629	9.28E-11	25YrCancerHighEnd_InhSoilDerm	1.49E-11	6.50E-11	1.30E-11	0.00E+00
341	2575	-2650	7439921	Lead	0.00000316	4.66E-11	25YrCancerHighEnd_InhSoilDerm	7.47E-12	3.26E-11	6.53E-12	0.00E+00
342	2665	-2025	7439921	Lead	0.00000449	6.63E-11	25YrCancerHighEnd_InhSoilDerm	1.06E-11	4.64E-11	9.28E-12	0.00E+00
343	3480	-2025	7439921	Lead	0.00000362	5.34E-11	25YrCancerHighEnd_InhSoilDerm	8.55E-12	3.74E-11	7.48E-12	0.00E+00
344	2667	-1400	7439921	Lead	0.00000701	1.03E-10	25YrCancerHighEnd_InhSoilDerm	1.66E-11	7.24E-11	1.45E-11	0.00E+00
345	3400	-250	7439921	Lead	0.00000146	2.15E-11	25YrCancerHighEnd_InhSoilDerm	3.45E-12	1.51E-11	3.02E-12	0.00E+00
346	2577	-940	7439921	Lead	0.00000669	9.87E-11	25YrCancerHighEnd_InhSoilDerm	1.58E-11	6.91E-11	1.38E-11	0.00E+00
347	2404	-475	7439921	Lead	0.0000055	8.12E-11	25YrCancerHighEnd_InhSoilDerm	1.30E-11	5.68E-11	1.14E-11	0.00E+00
348	1577	291	7439921	Lead	0.00000848	1.25E-10	25YrCancerHighEnd_InhSoilDerm	2.00E-11	8.76E-11	1.75E-11	0.00E+00
349	2400	240	7439921	Lead	0.00000252	3.72E-11	25YrCancerHighEnd_InhSoilDerm	5.95E-12	2.60E-11	5.21E-12	0.00E+00
350	2600	1290	7439921	Lead	0.00000149	2.20E-11	25YrCancerHighEnd_InhSoilDerm	3.52E-12	1.54E-11	3.08E-12	0.00E+00
351	900	935	7439921	Lead	0.0000105	1.55E-10	25YrCancerHighEnd_InhSoilDerm	2.48E-11	1.08E-10	2.17E-11	0.00E+00
352	1375	1395	7439921	Lead	0.00000313	4.62E-11	25YrCancerHighEnd_InhSoilDerm	7.40E-12	3.23E-11	6.47E-12	0.00E+00
353	-1710.89	-383.91	7440020	Nickel	-0.0000505	-2.59E-09	25YrCancerHighEnd_InhSoilDerm	-2.59E-09	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000337	-1.73E-09	25YrCancerHighEnd_InhSoilDerm	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	-0.00000396	-2.03E-10	25YrCancerHighEnd_InhSoilDerm	-2.03E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.00000489	-2.50E-10	25YrCancerHighEnd_InhSoilDerm	-2.50E-10	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.00000419	-2.15E-10	25YrCancerHighEnd_InhSoilDerm	-2.15E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.00000965	-4.94E-10	25YrCancerHighEnd_InhSoilDerm	-4.94E-10	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.000016	-8.19E-10	25YrCancerHighEnd_InhSoilDerm	-8.19E-10	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000278	-1.42E-09	25YrCancerHighEnd_InhSoilDerm	-1.42E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.00000855	4.38E-10	25YrCancerHighEnd_InhSoilDerm	4.38E-10	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000094	4.81E-10	25YrCancerHighEnd_InhSoilDerm	4.81E-10	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000115	5.89E-10	25YrCancerHighEnd_InhSoilDerm	5.89E-10	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.0000165	8.45E-10	25YrCancerHighEnd_InhSoilDerm	8.45E-10	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.000033	1.69E-09	25YrCancerHighEnd_InhSoilDerm	1.69E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000112	5.73E-09	25YrCancerHighEnd_InhSoilDerm	5.73E-09	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000799	4.09E-09	25YrCancerHighEnd_InhSoilDerm	4.09E-09	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000756	3.87E-09	25YrCancerHighEnd_InhSoilDerm	3.87E-09	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.0000866	4.43E-09	25YrCancerHighEnd_InhSoilDerm	4.43E-09	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.0000928	4.75E-09	25YrCancerHighEnd_InhSoilDerm	4.75E-09	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000285	1.46E-08	25YrCancerHighEnd_InhSoilDerm	1.46E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000153	7.83E-09	25YrCancerHighEnd_InhSoilDerm	7.83E-09	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000187	9.57E-09	25YrCancerHighEnd_InhSoilDerm	9.57E-09	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000162	8.29E-09	25YrCancerHighEnd_InhSoilDerm	8.29E-09	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.00051	2.61E-08	25YrCancerHighEnd_InhSoilDerm	2.61E-08	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000218	1.12E-08	25YrCancerHighEnd_InhSoilDerm	1.12E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000203	1.04E-08	25YrCancerHighEnd_InhSoilDerm	1.04E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000239	1.22E-08	25YrCancerHighEnd_InhSoilDerm	1.22E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.000318	1.63E-08	25YrCancerHighEnd_InhSoilDerm	1.63E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000496	-2.54E-08	25YrCancerHighEnd_InhSoilDerm	-2.54E-08	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.000104	-5.32E-09	25YrCancerHighEnd_InhSoilDerm	-5.32E-09	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.00038	-1.95E-08	25YrCancerHighEnd_InhSoilDerm	-1.95E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000627	-3.21E-09	25YrCancerHighEnd_InhSoilDerm	-3.21E-09	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.000169	-8.65E-09	25YrCancerHighEnd_InhSoilDerm	-8.65E-09	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000125	-6.40E-10	25YrCancerHighEnd_InhSoilDerm	-6.40E-10	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000226	-1.16E-09	25YrCancerHighEnd_InhSoilDerm	-1.16E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.0000175	-8.96E-10	25YrCancerHighEnd_InhSoilDerm	-8.96E-10	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000216	1.11E-08	25YrCancerHighEnd_InhSoilDerm	1.11E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.01E-04	1.54E-08	25YrCancerHighEnd_InhSoilDerm	1.54E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000155	7.94E-09	25YrCancerHighEnd_InhSoilDerm	7.94E-09	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000678	-3.47E-09	25YrCancerHighEnd_InhSoilDerm	-3.47E-09	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.00029	-1.48E-08	25YrCancerHighEnd_InhSoilDerm	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.000000765	3.92E-11	25YrCancerHighEnd_InhSoilDerm	3.92E-11	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000587	3.01E-11	25YrCancerHighEnd_InhSoilDerm	3.01E-11	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000533	2.73E-11	25YrCancerHighEnd_InhSoilDerm	2.73E-11	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.000000921	4.72E-11	25YrCancerHighEnd_InhSoilDerm	4.72E-11	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.000000711	3.64E-11	25YrCancerHighEnd_InhSoilDerm	3.64E-11	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	0.000000136	6.96E-12	25YrCancerHighEnd_InhSoilDerm	6.96E-12	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	0.00000016	8.19E-12	25YrCancerHighEnd_InhSoilDerm	8.19E-12	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.000000406	2.08E-11	25YrCancerHighEnd_InhSoilDerm	2.08E-11	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	-0.00000158	-8.09E-11	25YrCancerHighEnd_InhSoilDerm	-8.09E-11	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000729	3.73E-11	25YrCancerHighEnd_InhSoilDerm	3.73E-11	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000095	4.86E-11	25YrCancerHighEnd_InhSoilDerm	4.86E-11	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	-0.000000478	-2.45E-11	25YrCancerHighEnd_InhSoilDerm	-2.45E-11	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000213	-1.09E-09	25YrCancerHighEnd_InhSoilDerm	-1.09E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	-3.43E-09	-1.76E-13	25YrCancerHighEnd_InhSoilDerm	-1.76E-13	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.00000063	3.23E-11	25YrCancerHighEnd_InhSoilDerm	3.23E-11	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000138	7.07E-09	25YrCancerHighEnd_InhSoilDerm	7.07E-09	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000126	6.45E-09	25YrCancerHighEnd_InhSoilDerm	6.45E-09	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000115	5.89E-10	25YrCancerHighEnd_InhSoilDerm	5.89E-10	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000195	-9.98E-09	25YrCancerHighEnd_InhSoilDerm	-9.98E-09	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000239	-1.22E-08	25YrCancerHighEnd_InhSoilDerm	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.000322	1.65E-08	25YrCancerHighEnd_InhSoilDerm	1.65E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000121	6.20E-09	25YrCancerHighEnd_InhSoilDerm	6.20E-09	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000202	1.03E-09	25YrCancerHighEnd_InhSoilDerm	1.03E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000214	1.10E-09	25YrCancerHighEnd_InhSoilDerm	1.10E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000614	3.14E-10	25YrCancerHighEnd_InhSoilDerm	3.14E-10	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000513	2.63E-10	25YrCancerHighEnd_InhSoilDerm	2.63E-10	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000111	5.68E-10	25YrCancerHighEnd_InhSoilDerm	5.68E-10	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000115	5.89E-09	25YrCancerHighEnd_InhSoilDerm	5.89E-09	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000435	2.23E-08	25YrCancerHighEnd_InhSoilDerm	2.23E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000421	2.16E-08	25YrCancerHighEnd_InhSoilDerm	2.16E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000407	2.08E-08	25YrCancerHighEnd_InhSoilDerm	2.08E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.0000854	4.37E-09	25YrCancerHighEnd_InhSoilDerm	4.37E-09	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.0000347	-1.78E-09	25YrCancerHighEnd_InhSoilDerm	-1.78E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.00000268	1.37E-10	25YrCancerHighEnd_InhSoilDerm	1.37E-10	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000167	8.55E-09	25YrCancerHighEnd_InhSoilDerm	8.55E-09	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000367	1.88E-09	25YrCancerHighEnd_InhSoilDerm	1.88E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000151	7.73E-10	25YrCancerHighEnd_InhSoilDerm	7.73E-10	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.0000238	1.22E-09	25YrCancerHighEnd_InhSoilDerm	1.22E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.0000187	9.57E-10	25YrCancerHighEnd_InhSoilDerm	9.57E-10	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000492	2.52E-09	25YrCancerHighEnd_InhSoilDerm	2.52E-09	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000841	4.31E-10	25YrCancerHighEnd_InhSoilDerm	4.31E-10	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000493	2.52E-09	25YrCancerHighEnd_InhSoilDerm	2.52E-09	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.000046	2.36E-09	25YrCancerHighEnd_InhSoilDerm	2.36E-09	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000834	4.27E-09	25YrCancerHighEnd_InhSoilDerm	4.27E-09	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000191	9.78E-10	25YrCancerHighEnd_InhSoilDerm	9.78E-10	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.00000874	4.47E-10	25YrCancerHighEnd_InhSoilDerm	4.47E-10	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000693	3.55E-09	25YrCancerHighEnd_InhSoilDerm	3.55E-09	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000154	7.88E-10	25YrCancerHighEnd_InhSoilDerm	7.88E-10	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	-0.0168	-1.04E-06	25YrCancerHighEnd_InhSoilDerm	-1.04E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	-0.0126	-7.80E-07	25YrCancerHighEnd_InhSoilDerm	-7.80E-07	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	-0.00817	-5.06E-07	25YrCancerHighEnd_InhSoilDerm	-5.06E-07	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	-0.00874	-5.41E-07	25YrCancerHighEnd_InhSoilDerm	-5.41E-07	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	-0.00743	-4.60E-07	25YrCancerHighEnd_InhSoilDerm	-4.60E-07	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.0146	-9.04E-07	25YrCancerHighEnd_InhSoilDerm	-9.04E-07	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0232	-1.44E-06	25YrCancerHighEnd_InhSoilDerm	-1.44E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.041	-2.54E-06	25YrCancerHighEnd_InhSoilDerm	-2.54E-06	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.00638	3.95E-07	25YrCancerHighEnd_InhSoilDerm	3.95E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.000114	-7.06E-09	25YrCancerHighEnd_InhSoilDerm	-7.06E-09	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.00842	-5.21E-07	25YrCancerHighEnd_InhSoilDerm	-5.21E-07	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0106	-6.56E-07	25YrCancerHighEnd_InhSoilDerm	-6.56E-07	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0638	-3.95E-06	25YrCancerHighEnd_InhSoilDerm	-3.95E-06	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.035	-2.17E-06	25YrCancerHighEnd_InhSoilDerm	-2.17E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0255	-1.58E-06	25YrCancerHighEnd_InhSoilDerm	-1.58E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0145	-8.97E-07	25YrCancerHighEnd_InhSoilDerm	-8.97E-07	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.00762	-4.72E-07	25YrCancerHighEnd_InhSoilDerm	-4.72E-07	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00401	-2.48E-07	25YrCancerHighEnd_InhSoilDerm	-2.48E-07	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0119	7.36E-07	25YrCancerHighEnd_InhSoilDerm	7.36E-07	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.000834	5.16E-08	25YrCancerHighEnd_InhSoilDerm	5.16E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00631	-3.91E-07	25YrCancerHighEnd_InhSoilDerm	-3.91E-07	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.0047	-2.91E-07	25YrCancerHighEnd_InhSoilDerm	-2.91E-07	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0138	-8.54E-07	25YrCancerHighEnd_InhSoilDerm	-8.54E-07	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.00225	-1.39E-07	25YrCancerHighEnd_InhSoilDerm	-1.39E-07	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	0.00758	4.69E-07	25YrCancerHighEnd_InhSoilDerm	4.69E-07	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0378	2.34E-06	25YrCancerHighEnd_InhSoilDerm	2.34E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0976	6.04E-06	25YrCancerHighEnd_InhSoilDerm	6.04E-06	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0293	-1.81E-06	25YrCancerHighEnd_InhSoilDerm	-1.81E-06	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.0672	-4.16E-06	25YrCancerHighEnd_InhSoilDerm	-4.16E-06	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.0671	-4.15E-06	25YrCancerHighEnd_InhSoilDerm	-4.15E-06	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.0408	-2.53E-06	25YrCancerHighEnd_InhSoilDerm	-2.53E-06	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.0462	-2.86E-06	25YrCancerHighEnd_InhSoilDerm	-2.86E-06	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	-0.0135	-8.35E-07	25YrCancerHighEnd_InhSoilDerm	-8.35E-07	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0336	-2.08E-06	25YrCancerHighEnd_InhSoilDerm	-2.08E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0297	-1.84E-06	25YrCancerHighEnd_InhSoilDerm	-1.84E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.0000845	-5.23E-09	25YrCancerHighEnd_InhSoilDerm	-5.23E-09	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0112	6.93E-07	25YrCancerHighEnd_InhSoilDerm	6.93E-07	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00328	-2.03E-07	25YrCancerHighEnd_InhSoilDerm	-2.03E-07	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.0732	4.53E-06	25YrCancerHighEnd_InhSoilDerm	4.53E-06	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.0631	-3.91E-06	25YrCancerHighEnd_InhSoilDerm	-3.91E-06	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000544	-3.37E-08	25YrCancerHighEnd_InhSoilDerm	-3.37E-08	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000387	-2.40E-08	25YrCancerHighEnd_InhSoilDerm	-2.40E-08	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000589	-3.65E-08	25YrCancerHighEnd_InhSoilDerm	-3.65E-08	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.0012	-7.43E-08	25YrCancerHighEnd_InhSoilDerm	-7.43E-08	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00149	-9.22E-08	25YrCancerHighEnd_InhSoilDerm	-9.22E-08	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.00273	-1.69E-07	25YrCancerHighEnd_InhSoilDerm	-1.69E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00322	-1.99E-07	25YrCancerHighEnd_InhSoilDerm	-1.99E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.00284	-1.76E-07	25YrCancerHighEnd_InhSoilDerm	-1.76E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	-0.0043	-2.66E-07	25YrCancerHighEnd_InhSoilDerm	-2.66E-07	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.000677	-4.19E-08	25YrCancerHighEnd_InhSoilDerm	-4.19E-08	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.000783	-4.85E-08	25YrCancerHighEnd_InhSoilDerm	-4.85E-08	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00212	-1.31E-07	25YrCancerHighEnd_InhSoilDerm	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0316	-1.96E-06	25YrCancerHighEnd_InhSoilDerm	-1.96E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.0021	-1.30E-07	25YrCancerHighEnd_InhSoilDerm	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00337	-2.09E-07	25YrCancerHighEnd_InhSoilDerm	-2.09E-07	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.0074	4.58E-07	25YrCancerHighEnd_InhSoilDerm	4.58E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0138	-8.54E-07	25YrCancerHighEnd_InhSoilDerm	-8.54E-07	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.0167	-1.03E-06	25YrCancerHighEnd_InhSoilDerm	-1.03E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0476	-2.95E-06	25YrCancerHighEnd_InhSoilDerm	-2.95E-06	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0588	-3.64E-06	25YrCancerHighEnd_InhSoilDerm	-3.64E-06	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.00735	-4.55E-07	25YrCancerHighEnd_InhSoilDerm	-4.55E-07	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00558	-3.45E-07	25YrCancerHighEnd_InhSoilDerm	-3.45E-07	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.00179	-1.11E-07	25YrCancerHighEnd_InhSoilDerm	-1.11E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00223	-1.38E-07	25YrCancerHighEnd_InhSoilDerm	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000667	-4.13E-08	25YrCancerHighEnd_InhSoilDerm	-4.13E-08	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00455	-2.82E-07	25YrCancerHighEnd_InhSoilDerm	-2.82E-07	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.0012	-7.43E-08	25YrCancerHighEnd_InhSoilDerm	-7.43E-08	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.000748	-4.63E-08	25YrCancerHighEnd_InhSoilDerm	-4.63E-08	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0118	-7.30E-07	25YrCancerHighEnd_InhSoilDerm	-7.30E-07	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0136	-8.42E-07	25YrCancerHighEnd_InhSoilDerm	-8.42E-07	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0114	-7.06E-07	25YrCancerHighEnd_InhSoilDerm	-7.06E-07	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00122	-7.55E-08	25YrCancerHighEnd_InhSoilDerm	-7.55E-08	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.0106	-6.56E-07	25YrCancerHighEnd_InhSoilDerm	-6.56E-07	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	0.00872	5.40E-07	25YrCancerHighEnd_InhSoilDerm	5.40E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00395	-2.44E-07	25YrCancerHighEnd_InhSoilDerm	-2.44E-07	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.0029	-1.79E-07	25YrCancerHighEnd_InhSoilDerm	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00191	-1.18E-07	25YrCancerHighEnd_InhSoilDerm	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00236	-1.46E-07	25YrCancerHighEnd_InhSoilDerm	-1.46E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00183	-1.13E-07	25YrCancerHighEnd_InhSoilDerm	-1.13E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00232	-1.44E-07	25YrCancerHighEnd_InhSoilDerm	-1.44E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00118	-7.30E-08	25YrCancerHighEnd_InhSoilDerm	-7.30E-08	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00262	-1.62E-07	25YrCancerHighEnd_InhSoilDerm	-1.62E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00321	-1.99E-07	25YrCancerHighEnd_InhSoilDerm	-1.99E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00292	-1.81E-07	25YrCancerHighEnd_InhSoilDerm	-1.81E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00141	-8.73E-08	25YrCancerHighEnd_InhSoilDerm	-8.73E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000356	-2.20E-08	25YrCancerHighEnd_InhSoilDerm	-2.20E-08	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00635	-3.93E-07	25YrCancerHighEnd_InhSoilDerm	-3.93E-07	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00177	-1.10E-07	25YrCancerHighEnd_InhSoilDerm	-1.10E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00092	3.11E-08	25YrCancerHighEnd_InhSoilDerm	3.11E-08	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.000883	2.98E-08	25YrCancerHighEnd_InhSoilDerm	2.98E-08	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00121	4.08E-08	25YrCancerHighEnd_InhSoilDerm	4.08E-08	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00137	4.62E-08	25YrCancerHighEnd_InhSoilDerm	4.62E-08	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00125	4.22E-08	25YrCancerHighEnd_InhSoilDerm	4.22E-08	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.0041	1.38E-07	25YrCancerHighEnd_InhSoilDerm	1.38E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00538	1.82E-07	25YrCancerHighEnd_InhSoilDerm	1.82E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00351	1.18E-07	25YrCancerHighEnd_InhSoilDerm	1.18E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.00485	1.64E-07	25YrCancerHighEnd_InhSoilDerm	1.64E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00319	1.08E-07	25YrCancerHighEnd_InhSoilDerm	1.08E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00194	6.55E-08	25YrCancerHighEnd_InhSoilDerm	6.55E-08	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00152	5.13E-08	25YrCancerHighEnd_InhSoilDerm	5.13E-08	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.000925	3.12E-08	25YrCancerHighEnd_InhSoilDerm	3.12E-08	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000241	-8.14E-10	25YrCancerHighEnd_InhSoilDerm	-8.14E-10	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000548	1.85E-08	25YrCancerHighEnd_InhSoilDerm	1.85E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.0009	3.04E-08	25YrCancerHighEnd_InhSoilDerm	3.04E-08	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00103	3.48E-08	25YrCancerHighEnd_InhSoilDerm	3.48E-08	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.00127	4.29E-08	25YrCancerHighEnd_InhSoilDerm	4.29E-08	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00284	9.59E-08	25YrCancerHighEnd_InhSoilDerm	9.59E-08	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00476	1.61E-07	25YrCancerHighEnd_InhSoilDerm	1.61E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00817	2.76E-07	25YrCancerHighEnd_InhSoilDerm	2.76E-07	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0174	5.87E-07	25YrCancerHighEnd_InhSoilDerm	5.87E-07	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.00577	1.95E-07	25YrCancerHighEnd_InhSoilDerm	1.95E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00595	2.01E-07	25YrCancerHighEnd_InhSoilDerm	2.01E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00585	1.97E-07	25YrCancerHighEnd_InhSoilDerm	1.97E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00553	1.87E-07	25YrCancerHighEnd_InhSoilDerm	1.87E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00558	1.88E-07	25YrCancerHighEnd_InhSoilDerm	1.88E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.003	1.01E-07	25YrCancerHighEnd_InhSoilDerm	1.01E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.00219	7.39E-08	25YrCancerHighEnd_InhSoilDerm	7.39E-08	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000644	2.17E-08	25YrCancerHighEnd_InhSoilDerm	2.17E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.00039	1.32E-08	25YrCancerHighEnd_InhSoilDerm	1.32E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00138	4.66E-08	25YrCancerHighEnd_InhSoilDerm	4.66E-08	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00114	3.85E-08	25YrCancerHighEnd_InhSoilDerm	3.85E-08	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00382	1.29E-07	25YrCancerHighEnd_InhSoilDerm	1.29E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.00439	1.48E-07	25YrCancerHighEnd_InhSoilDerm	1.48E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000324	1.09E-08	25YrCancerHighEnd_InhSoilDerm	1.09E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00129	4.35E-08	25YrCancerHighEnd_InhSoilDerm	4.35E-08	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0137	4.62E-07	25YrCancerHighEnd_InhSoilDerm	4.62E-07	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.00448	1.51E-07	25YrCancerHighEnd_InhSoilDerm	1.51E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000418	1.41E-08	25YrCancerHighEnd_InhSoilDerm	1.41E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000105	3.54E-09	25YrCancerHighEnd_InhSoilDerm	3.54E-09	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000654	2.21E-09	25YrCancerHighEnd_InhSoilDerm	2.21E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.0000964	3.25E-09	25YrCancerHighEnd_InhSoilDerm	3.25E-09	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000205	6.92E-09	25YrCancerHighEnd_InhSoilDerm	6.92E-09	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000227	7.66E-09	25YrCancerHighEnd_InhSoilDerm	7.66E-09	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000322	1.09E-08	25YrCancerHighEnd_InhSoilDerm	1.09E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.000464	1.57E-08	25YrCancerHighEnd_InhSoilDerm	1.57E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000558	1.88E-08	25YrCancerHighEnd_InhSoilDerm	1.88E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000664	2.24E-08	25YrCancerHighEnd_InhSoilDerm	2.24E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000141	4.76E-09	25YrCancerHighEnd_InhSoilDerm	4.76E-09	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000166	5.60E-09	25YrCancerHighEnd_InhSoilDerm	5.60E-09	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00038	1.28E-08	25YrCancerHighEnd_InhSoilDerm	1.28E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00373	1.26E-07	25YrCancerHighEnd_InhSoilDerm	1.26E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000343	1.16E-08	25YrCancerHighEnd_InhSoilDerm	1.16E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000722	2.44E-08	25YrCancerHighEnd_InhSoilDerm	2.44E-08	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00674	2.28E-07	25YrCancerHighEnd_InhSoilDerm	2.28E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.000684	2.31E-08	25YrCancerHighEnd_InhSoilDerm	2.31E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.0000997	3.37E-09	25YrCancerHighEnd_InhSoilDerm	3.37E-09	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.000888	3.00E-08	25YrCancerHighEnd_InhSoilDerm	3.00E-08	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00146	4.93E-08	25YrCancerHighEnd_InhSoilDerm	4.93E-08	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.00321	1.08E-07	25YrCancerHighEnd_InhSoilDerm	1.08E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.00245	8.27E-08	25YrCancerHighEnd_InhSoilDerm	8.27E-08	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00126	4.25E-08	25YrCancerHighEnd_InhSoilDerm	4.25E-08	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00129	4.35E-08	25YrCancerHighEnd_InhSoilDerm	4.35E-08	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000242	8.17E-09	25YrCancerHighEnd_InhSoilDerm	8.17E-09	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.000912	3.08E-08	25YrCancerHighEnd_InhSoilDerm	3.08E-08	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000361	1.22E-08	25YrCancerHighEnd_InhSoilDerm	1.22E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00585	1.97E-07	25YrCancerHighEnd_InhSoilDerm	1.97E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00132	4.46E-08	25YrCancerHighEnd_InhSoilDerm	4.46E-08	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00329	1.11E-07	25YrCancerHighEnd_InhSoilDerm	1.11E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000552	-1.86E-08	25YrCancerHighEnd_InhSoilDerm	-1.86E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.000877	2.96E-08	25YrCancerHighEnd_InhSoilDerm	2.96E-08	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00331	1.12E-07	25YrCancerHighEnd_InhSoilDerm	1.12E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00401	1.35E-07	25YrCancerHighEnd_InhSoilDerm	1.35E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00316	1.07E-07	25YrCancerHighEnd_InhSoilDerm	1.07E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00175	5.91E-08	25YrCancerHighEnd_InhSoilDerm	5.91E-08	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00103	3.48E-08	25YrCancerHighEnd_InhSoilDerm	3.48E-08	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00146	4.93E-08	25YrCancerHighEnd_InhSoilDerm	4.93E-08	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00122	4.12E-08	25YrCancerHighEnd_InhSoilDerm	4.12E-08	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.00203	6.85E-08	25YrCancerHighEnd_InhSoilDerm	6.85E-08	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000389	1.31E-08	25YrCancerHighEnd_InhSoilDerm	1.31E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00207	6.99E-08	25YrCancerHighEnd_InhSoilDerm	6.99E-08	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00118	3.98E-08	25YrCancerHighEnd_InhSoilDerm	3.98E-08	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.000906	3.06E-08	25YrCancerHighEnd_InhSoilDerm	3.06E-08	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000412	1.39E-08	25YrCancerHighEnd_InhSoilDerm	1.39E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000353	1.19E-08	25YrCancerHighEnd_InhSoilDerm	1.19E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.000846	2.86E-08	25YrCancerHighEnd_InhSoilDerm	2.86E-08	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000704	2.38E-08	25YrCancerHighEnd_InhSoilDerm	2.38E-08	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00157	8.83E-10	25YrCancerHighEnd_InhSoilDerm	8.83E-10	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00177	9.96E-10	25YrCancerHighEnd_InhSoilDerm	9.96E-10	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.00295	1.66E-09	25YrCancerHighEnd_InhSoilDerm	1.66E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00332	1.87E-09	25YrCancerHighEnd_InhSoilDerm	1.87E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00304	1.71E-09	25YrCancerHighEnd_InhSoilDerm	1.71E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0101	5.68E-09	25YrCancerHighEnd_InhSoilDerm	5.68E-09	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0132	7.43E-09	25YrCancerHighEnd_InhSoilDerm	7.43E-09	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00845	4.75E-09	25YrCancerHighEnd_InhSoilDerm	4.75E-09	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0128	7.20E-09	25YrCancerHighEnd_InhSoilDerm	7.20E-09	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00833	4.69E-09	25YrCancerHighEnd_InhSoilDerm	4.69E-09	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00486	2.73E-09	25YrCancerHighEnd_InhSoilDerm	2.73E-09	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00359	2.02E-09	25YrCancerHighEnd_InhSoilDerm	2.02E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00146	8.21E-10	25YrCancerHighEnd_InhSoilDerm	8.21E-10	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00187	-1.05E-09	25YrCancerHighEnd_InhSoilDerm	-1.05E-09	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	0.000218	1.23E-10	25YrCancerHighEnd_InhSoilDerm	1.23E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00144	8.10E-10	25YrCancerHighEnd_InhSoilDerm	8.10E-10	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00178	1.00E-09	25YrCancerHighEnd_InhSoilDerm	1.00E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00247	1.39E-09	25YrCancerHighEnd_InhSoilDerm	1.39E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00575	3.24E-09	25YrCancerHighEnd_InhSoilDerm	3.24E-09	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0109	6.13E-09	25YrCancerHighEnd_InhSoilDerm	6.13E-09	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0189	1.06E-08	25YrCancerHighEnd_InhSoilDerm	1.06E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0424	2.39E-08	25YrCancerHighEnd_InhSoilDerm	2.39E-08	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0101	5.68E-09	25YrCancerHighEnd_InhSoilDerm	5.68E-09	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0123	6.92E-09	25YrCancerHighEnd_InhSoilDerm	6.92E-09	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0125	7.03E-09	25YrCancerHighEnd_InhSoilDerm	7.03E-09	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.0126	7.09E-09	25YrCancerHighEnd_InhSoilDerm	7.09E-09	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0154	8.66E-09	25YrCancerHighEnd_InhSoilDerm	8.66E-09	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	2.93E-03	1.65E-09	25YrCancerHighEnd_InhSoilDerm	1.65E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	4.72E-04	2.66E-10	25YrCancerHighEnd_InhSoilDerm	2.66E-10	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.21E-03	-2.37E-09	25YrCancerHighEnd_InhSoilDerm	-2.37E-09	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.24E-03	-1.26E-09	25YrCancerHighEnd_InhSoilDerm	-1.26E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.35E-03	7.60E-10	25YrCancerHighEnd_InhSoilDerm	7.60E-10	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.44E-03	1.37E-09	25YrCancerHighEnd_InhSoilDerm	1.37E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	8.92E-03	5.02E-09	25YrCancerHighEnd_InhSoilDerm	5.02E-09	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.03E-02	5.80E-09	25YrCancerHighEnd_InhSoilDerm	5.80E-09	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00163	-9.17E-10	25YrCancerHighEnd_InhSoilDerm	-9.17E-10	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.40E-03	7.88E-10	25YrCancerHighEnd_InhSoilDerm	7.88E-10	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.26E-02	1.83E-08	25YrCancerHighEnd_InhSoilDerm	1.83E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	7.13E-03	4.01E-09	25YrCancerHighEnd_InhSoilDerm	4.01E-09	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00373	-2.10E-09	25YrCancerHighEnd_InhSoilDerm	-2.10E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.28E-04	1.28E-10	25YrCancerHighEnd_InhSoilDerm	1.28E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.00014	7.88E-11	25YrCancerHighEnd_InhSoilDerm	7.88E-11	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000205	1.15E-10	25YrCancerHighEnd_InhSoilDerm	1.15E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000455	2.56E-10	25YrCancerHighEnd_InhSoilDerm	2.56E-10	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000495	2.79E-10	25YrCancerHighEnd_InhSoilDerm	2.79E-10	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000671	3.78E-10	25YrCancerHighEnd_InhSoilDerm	3.78E-10	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00103	5.80E-10	25YrCancerHighEnd_InhSoilDerm	5.80E-10	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00129	7.26E-10	25YrCancerHighEnd_InhSoilDerm	7.26E-10	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.00152	8.55E-10	25YrCancerHighEnd_InhSoilDerm	8.55E-10	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000316	1.78E-10	25YrCancerHighEnd_InhSoilDerm	1.78E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000374	2.10E-10	25YrCancerHighEnd_InhSoilDerm	2.10E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	8.76E-04	4.93E-10	25YrCancerHighEnd_InhSoilDerm	4.93E-10	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.00873	4.91E-09	25YrCancerHighEnd_InhSoilDerm	4.91E-09	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	7.77E-04	4.37E-10	25YrCancerHighEnd_InhSoilDerm	4.37E-10	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00165	9.28E-10	25YrCancerHighEnd_InhSoilDerm	9.28E-10	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0153	8.61E-09	25YrCancerHighEnd_InhSoilDerm	8.61E-09	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000666	3.75E-10	25YrCancerHighEnd_InhSoilDerm	3.75E-10	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.00144	-8.10E-10	25YrCancerHighEnd_InhSoilDerm	-8.10E-10	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.00101	-5.68E-10	25YrCancerHighEnd_InhSoilDerm	-5.68E-10	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000552	-3.11E-10	25YrCancerHighEnd_InhSoilDerm	-3.11E-10	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00616	3.47E-09	25YrCancerHighEnd_InhSoilDerm	3.47E-09	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00495	2.79E-09	25YrCancerHighEnd_InhSoilDerm	2.79E-09	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.003	1.69E-09	25YrCancerHighEnd_InhSoilDerm	1.69E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00306	1.72E-09	25YrCancerHighEnd_InhSoilDerm	1.72E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000548	3.08E-10	25YrCancerHighEnd_InhSoilDerm	3.08E-10	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.00203	1.14E-09	25YrCancerHighEnd_InhSoilDerm	1.14E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000801	4.51E-10	25YrCancerHighEnd_InhSoilDerm	4.51E-10	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0136	7.65E-09	25YrCancerHighEnd_InhSoilDerm	7.65E-09	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.000312	1.76E-10	25YrCancerHighEnd_InhSoilDerm	1.76E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00486	2.73E-09	25YrCancerHighEnd_InhSoilDerm	2.73E-09	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00424	-2.39E-09	25YrCancerHighEnd_InhSoilDerm	-2.39E-09	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00145	8.16E-10	25YrCancerHighEnd_InhSoilDerm	8.16E-10	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00688	3.87E-09	25YrCancerHighEnd_InhSoilDerm	3.87E-09	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.00892	5.02E-09	25YrCancerHighEnd_InhSoilDerm	5.02E-09	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00703	3.96E-09	25YrCancerHighEnd_InhSoilDerm	3.96E-09	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00399	2.24E-09	25YrCancerHighEnd_InhSoilDerm	2.24E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00239	1.34E-09	25YrCancerHighEnd_InhSoilDerm	1.34E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00341	1.92E-09	25YrCancerHighEnd_InhSoilDerm	1.92E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00288	1.62E-09	25YrCancerHighEnd_InhSoilDerm	1.62E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00475	2.67E-09	25YrCancerHighEnd_InhSoilDerm	2.67E-09	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.000888	5.00E-10	25YrCancerHighEnd_InhSoilDerm	5.00E-10	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00487	2.74E-09	25YrCancerHighEnd_InhSoilDerm	2.74E-09	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00263	1.48E-09	25YrCancerHighEnd_InhSoilDerm	1.48E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00163	9.17E-10	25YrCancerHighEnd_InhSoilDerm	9.17E-10	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.000868	4.88E-10	25YrCancerHighEnd_InhSoilDerm	4.88E-10	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000808	4.55E-10	25YrCancerHighEnd_InhSoilDerm	4.55E-10	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00159	8.95E-10	25YrCancerHighEnd_InhSoilDerm	8.95E-10	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0016	9.00E-10	25YrCancerHighEnd_InhSoilDerm	9.00E-10	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0112	-6.30E-08	25YrCancerHighEnd_InhSoilDerm	-6.30E-08	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00741	-4.17E-08	25YrCancerHighEnd_InhSoilDerm	-4.17E-08	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00212	-1.19E-08	25YrCancerHighEnd_InhSoilDerm	-1.19E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00202	-1.14E-08	25YrCancerHighEnd_InhSoilDerm	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00171	-9.62E-09	25YrCancerHighEnd_InhSoilDerm	-9.62E-09	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	-0.000845	-4.75E-09	25YrCancerHighEnd_InhSoilDerm	-4.75E-09	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00186	-1.05E-08	25YrCancerHighEnd_InhSoilDerm	-1.05E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.0074	-4.16E-08	25YrCancerHighEnd_InhSoilDerm	-4.16E-08	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.000899	-5.06E-09	25YrCancerHighEnd_InhSoilDerm	-5.06E-09	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00247	-1.39E-08	25YrCancerHighEnd_InhSoilDerm	-1.39E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00454	-2.55E-08	25YrCancerHighEnd_InhSoilDerm	-2.55E-08	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00627	-3.53E-08	25YrCancerHighEnd_InhSoilDerm	-3.53E-08	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0147	-8.27E-08	25YrCancerHighEnd_InhSoilDerm	-8.27E-08	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0267	-1.50E-07	25YrCancerHighEnd_InhSoilDerm	-1.50E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0178	-1.00E-07	25YrCancerHighEnd_InhSoilDerm	-1.00E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.013	-7.31E-08	25YrCancerHighEnd_InhSoilDerm	-7.31E-08	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0124	-6.98E-08	25YrCancerHighEnd_InhSoilDerm	-6.98E-08	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0111	-6.25E-08	25YrCancerHighEnd_InhSoilDerm	-6.25E-08	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0175	-9.85E-08	25YrCancerHighEnd_InhSoilDerm	-9.85E-08	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0125	-7.03E-08	25YrCancerHighEnd_InhSoilDerm	-7.03E-08	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0181	-1.02E-07	25YrCancerHighEnd_InhSoilDerm	-1.02E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00784	-4.41E-08	25YrCancerHighEnd_InhSoilDerm	-4.41E-08	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0653	-3.67E-07	25YrCancerHighEnd_InhSoilDerm	-3.67E-07	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0539	-3.03E-07	25YrCancerHighEnd_InhSoilDerm	-3.03E-07	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0605	-3.40E-07	25YrCancerHighEnd_InhSoilDerm	-3.40E-07	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0637	-3.58E-07	25YrCancerHighEnd_InhSoilDerm	-3.58E-07	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0474	-2.67E-07	25YrCancerHighEnd_InhSoilDerm	-2.67E-07	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.0565	-3.18E-07	25YrCancerHighEnd_InhSoilDerm	-3.18E-07	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0627	-3.53E-07	25YrCancerHighEnd_InhSoilDerm	-3.53E-07	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.074	-4.16E-07	25YrCancerHighEnd_InhSoilDerm	-4.16E-07	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0408	-2.30E-07	25YrCancerHighEnd_InhSoilDerm	-2.30E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0261	-1.47E-07	25YrCancerHighEnd_InhSoilDerm	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00447	-2.51E-08	25YrCancerHighEnd_InhSoilDerm	-2.51E-08	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-5.76E-03	-3.24E-08	25YrCancerHighEnd_InhSoilDerm	-3.24E-08	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-5.70E-03	-3.21E-08	25YrCancerHighEnd_InhSoilDerm	-3.21E-08	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.11E-02	-1.75E-07	25YrCancerHighEnd_InhSoilDerm	-1.75E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.26E-02	-1.27E-07	25YrCancerHighEnd_InhSoilDerm	-1.27E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.34E-02	-7.54E-08	25YrCancerHighEnd_InhSoilDerm	-7.54E-08	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-4.94E-02	-2.78E-07	25YrCancerHighEnd_InhSoilDerm	-2.78E-07	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-6.08E-02	-3.42E-07	25YrCancerHighEnd_InhSoilDerm	-3.42E-07	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-3.70E-04	-2.08E-09	25YrCancerHighEnd_InhSoilDerm	-2.08E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-2.67E-04	-1.50E-09	25YrCancerHighEnd_InhSoilDerm	-1.50E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.04E-04	-2.27E-09	25YrCancerHighEnd_InhSoilDerm	-2.27E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-6.17E-04	-3.47E-09	25YrCancerHighEnd_InhSoilDerm	-3.47E-09	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-8.02E-04	-4.51E-09	25YrCancerHighEnd_InhSoilDerm	-4.51E-09	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.54E-03	-8.66E-09	25YrCancerHighEnd_InhSoilDerm	-8.66E-09	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.34E-03	-7.54E-09	25YrCancerHighEnd_InhSoilDerm	-7.54E-09	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-1.01E-03	-5.68E-09	25YrCancerHighEnd_InhSoilDerm	-5.68E-09	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-1.36E-03	-7.65E-09	25YrCancerHighEnd_InhSoilDerm	-7.65E-09	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-3.86E-04	-2.17E-09	25YrCancerHighEnd_InhSoilDerm	-2.17E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-4.25E-04	-2.39E-09	25YrCancerHighEnd_InhSoilDerm	-2.39E-09	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-7.41E-04	-4.17E-09	25YrCancerHighEnd_InhSoilDerm	-4.17E-09	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-5.41E-03	-3.04E-08	25YrCancerHighEnd_InhSoilDerm	-3.04E-08	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-8.18E-04	-4.60E-09	25YrCancerHighEnd_InhSoilDerm	-4.60E-09	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.63E-03	-9.17E-09	25YrCancerHighEnd_InhSoilDerm	-9.17E-09	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.64E-02	-9.23E-08	25YrCancerHighEnd_InhSoilDerm	-9.23E-08	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.30E-02	-7.31E-08	25YrCancerHighEnd_InhSoilDerm	-7.31E-08	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.15E-02	-1.21E-07	25YrCancerHighEnd_InhSoilDerm	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.07E-02	-2.29E-07	25YrCancerHighEnd_InhSoilDerm	-2.29E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-5.27E-02	-2.97E-07	25YrCancerHighEnd_InhSoilDerm	-2.97E-07	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.19E-02	-1.23E-07	25YrCancerHighEnd_InhSoilDerm	-1.23E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.36E-02	-7.65E-08	25YrCancerHighEnd_InhSoilDerm	-7.65E-08	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.25E-03	-7.03E-09	25YrCancerHighEnd_InhSoilDerm	-7.03E-09	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.46E-03	-8.21E-09	25YrCancerHighEnd_InhSoilDerm	-8.21E-09	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-5.95E-04	-3.35E-09	25YrCancerHighEnd_InhSoilDerm	-3.35E-09	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-2.65E-03	-1.49E-08	25YrCancerHighEnd_InhSoilDerm	-1.49E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.08E-03	-6.08E-09	25YrCancerHighEnd_InhSoilDerm	-6.08E-09	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.02E-02	-5.74E-08	25YrCancerHighEnd_InhSoilDerm	-5.74E-08	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-3.75E-02	-2.11E-07	25YrCancerHighEnd_InhSoilDerm	-2.11E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.10E-02	-2.31E-07	25YrCancerHighEnd_InhSoilDerm	-2.31E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-3.70E-02	-2.08E-07	25YrCancerHighEnd_InhSoilDerm	-2.08E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-8.91E-03	-5.01E-08	25YrCancerHighEnd_InhSoilDerm	-5.01E-08	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.59E-02	-8.95E-08	25YrCancerHighEnd_InhSoilDerm	-8.95E-08	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.18E-02	-6.64E-08	25YrCancerHighEnd_InhSoilDerm	-6.64E-08	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-9.27E-03	-5.22E-08	25YrCancerHighEnd_InhSoilDerm	-5.22E-08	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-3.72E-03	-2.09E-08	25YrCancerHighEnd_InhSoilDerm	-2.09E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-1.70E-03	-9.56E-09	25YrCancerHighEnd_InhSoilDerm	-9.56E-09	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.30E-03	-1.29E-08	25YrCancerHighEnd_InhSoilDerm	-1.29E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.58E-03	-8.89E-09	25YrCancerHighEnd_InhSoilDerm	-8.89E-09	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-2.87E-03	-1.61E-08	25YrCancerHighEnd_InhSoilDerm	-1.61E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-8.64E-04	-4.86E-09	25YrCancerHighEnd_InhSoilDerm	-4.86E-09	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-2.63E-03	-1.48E-08	25YrCancerHighEnd_InhSoilDerm	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.37E-03	-1.90E-08	25YrCancerHighEnd_InhSoilDerm	-1.90E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-7.56E-03	-4.25E-08	25YrCancerHighEnd_InhSoilDerm	-4.25E-08	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-1.83E-03	-1.03E-08	25YrCancerHighEnd_InhSoilDerm	-1.03E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-7.45E-04	-4.19E-09	25YrCancerHighEnd_InhSoilDerm	-4.19E-09	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-6.26E-03	-3.52E-08	25YrCancerHighEnd_InhSoilDerm	-3.52E-08	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.62E-03	-9.11E-09	25YrCancerHighEnd_InhSoilDerm	-9.11E-09	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-3.54E-03	-1.73E-09	25YrCancerHighEnd_InhSoilDerm	-1.73E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.40E-03	-1.17E-09	25YrCancerHighEnd_InhSoilDerm	-1.17E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-8.79E-04	-4.30E-10	25YrCancerHighEnd_InhSoilDerm	-4.30E-10	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-8.77E-04	-4.29E-10	25YrCancerHighEnd_InhSoilDerm	-4.29E-10	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-7.61E-04	-3.73E-10	25YrCancerHighEnd_InhSoilDerm	-3.73E-10	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.06E-03	-5.19E-10	25YrCancerHighEnd_InhSoilDerm	-5.19E-10	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.62E-03	-7.93E-10	25YrCancerHighEnd_InhSoilDerm	-7.93E-10	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-2.92E-03	-1.43E-09	25YrCancerHighEnd_InhSoilDerm	-1.43E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.26E-03	-6.17E-10	25YrCancerHighEnd_InhSoilDerm	-6.17E-10	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.39E-03	-6.80E-10	25YrCancerHighEnd_InhSoilDerm	-6.80E-10	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-1.76E-03	-8.61E-10	25YrCancerHighEnd_InhSoilDerm	-8.61E-10	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.19E-03	-1.07E-09	25YrCancerHighEnd_InhSoilDerm	-1.07E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00459	-2.25E-09	25YrCancerHighEnd_InhSoilDerm	-2.25E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.00801	-3.92E-09	25YrCancerHighEnd_InhSoilDerm	-3.92E-09	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00546	-2.67E-09	25YrCancerHighEnd_InhSoilDerm	-2.67E-09	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00409	-2.00E-09	25YrCancerHighEnd_InhSoilDerm	-2.00E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00393	-1.92E-09	25YrCancerHighEnd_InhSoilDerm	-1.92E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00358	-1.75E-09	25YrCancerHighEnd_InhSoilDerm	-1.75E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.0058	-2.84E-09	25YrCancerHighEnd_InhSoilDerm	-2.84E-09	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.0047	-2.30E-09	25YrCancerHighEnd_InhSoilDerm	-2.30E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00702	-3.44E-09	25YrCancerHighEnd_InhSoilDerm	-3.44E-09	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00577	-2.82E-09	25YrCancerHighEnd_InhSoilDerm	-2.82E-09	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0207	-1.01E-08	25YrCancerHighEnd_InhSoilDerm	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0174	-8.52E-09	25YrCancerHighEnd_InhSoilDerm	-8.52E-09	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0194	-9.50E-09	25YrCancerHighEnd_InhSoilDerm	-9.50E-09	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0203	-9.94E-09	25YrCancerHighEnd_InhSoilDerm	-9.94E-09	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0155	-7.59E-09	25YrCancerHighEnd_InhSoilDerm	-7.59E-09	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0175	-8.57E-09	25YrCancerHighEnd_InhSoilDerm	-8.57E-09	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0192	-9.40E-09	25YrCancerHighEnd_InhSoilDerm	-9.40E-09	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0223	-1.09E-08	25YrCancerHighEnd_InhSoilDerm	-1.09E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0123	-6.02E-09	25YrCancerHighEnd_InhSoilDerm	-6.02E-09	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.0081	-3.96E-09	25YrCancerHighEnd_InhSoilDerm	-3.96E-09	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00156	-7.64E-10	25YrCancerHighEnd_InhSoilDerm	-7.64E-10	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00248	-1.21E-09	25YrCancerHighEnd_InhSoilDerm	-1.21E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00257	-1.26E-09	25YrCancerHighEnd_InhSoilDerm	-1.26E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.00938	-4.59E-09	25YrCancerHighEnd_InhSoilDerm	-4.59E-09	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00703	-3.44E-09	25YrCancerHighEnd_InhSoilDerm	-3.44E-09	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00671	-3.28E-09	25YrCancerHighEnd_InhSoilDerm	-3.28E-09	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0157	-7.68E-09	25YrCancerHighEnd_InhSoilDerm	-7.68E-09	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0183	-8.96E-09	25YrCancerHighEnd_InhSoilDerm	-8.96E-09	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000131	-6.41E-11	25YrCancerHighEnd_InhSoilDerm	-6.41E-11	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.0000928	-4.54E-11	25YrCancerHighEnd_InhSoilDerm	-4.54E-11	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.00014	-6.85E-11	25YrCancerHighEnd_InhSoilDerm	-6.85E-11	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000225	-1.10E-10	25YrCancerHighEnd_InhSoilDerm	-1.10E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000285	-1.40E-10	25YrCancerHighEnd_InhSoilDerm	-1.40E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.000524	-2.56E-10	25YrCancerHighEnd_InhSoilDerm	-2.56E-10	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000494	-2.42E-10	25YrCancerHighEnd_InhSoilDerm	-2.42E-10	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000413	-2.02E-10	25YrCancerHighEnd_InhSoilDerm	-2.02E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000537	-2.63E-10	25YrCancerHighEnd_InhSoilDerm	-2.63E-10	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.000143	-7.00E-11	25YrCancerHighEnd_InhSoilDerm	-7.00E-11	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.00016	-7.83E-11	25YrCancerHighEnd_InhSoilDerm	-7.83E-11	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000297	-1.45E-10	25YrCancerHighEnd_InhSoilDerm	-1.45E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.35E-03	-1.15E-09	25YrCancerHighEnd_InhSoilDerm	-1.15E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.12E-04	-1.53E-10	25YrCancerHighEnd_InhSoilDerm	-1.53E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-6.29E-04	-3.08E-10	25YrCancerHighEnd_InhSoilDerm	-3.08E-10	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-6.25E-03	-3.06E-09	25YrCancerHighEnd_InhSoilDerm	-3.06E-09	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00402	-1.97E-09	25YrCancerHighEnd_InhSoilDerm	-1.97E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00647	-3.17E-09	25YrCancerHighEnd_InhSoilDerm	-3.17E-09	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0124	-6.07E-09	25YrCancerHighEnd_InhSoilDerm	-6.07E-09	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0161	-7.88E-09	25YrCancerHighEnd_InhSoilDerm	-7.88E-09	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.0072	-3.52E-09	25YrCancerHighEnd_InhSoilDerm	-3.52E-09	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-4.57E-03	-2.24E-09	25YrCancerHighEnd_InhSoilDerm	-2.24E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-6.23E-04	-3.05E-10	25YrCancerHighEnd_InhSoilDerm	-3.05E-10	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.00069	-3.38E-10	25YrCancerHighEnd_InhSoilDerm	-3.38E-10	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000226	-1.11E-10	25YrCancerHighEnd_InhSoilDerm	-1.11E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.000975	-4.77E-10	25YrCancerHighEnd_InhSoilDerm	-4.77E-10	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000393	-1.92E-10	25YrCancerHighEnd_InhSoilDerm	-1.92E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00419	-2.05E-09	25YrCancerHighEnd_InhSoilDerm	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0115	-5.63E-09	25YrCancerHighEnd_InhSoilDerm	-5.63E-09	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0129	-6.31E-09	25YrCancerHighEnd_InhSoilDerm	-6.31E-09	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.011	-5.38E-09	25YrCancerHighEnd_InhSoilDerm	-5.38E-09	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00284	-1.39E-09	25YrCancerHighEnd_InhSoilDerm	-1.39E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00542	-2.65E-09	25YrCancerHighEnd_InhSoilDerm	-2.65E-09	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00434	-2.12E-09	25YrCancerHighEnd_InhSoilDerm	-2.12E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.0034	-1.66E-09	25YrCancerHighEnd_InhSoilDerm	-1.66E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00146	-7.15E-10	25YrCancerHighEnd_InhSoilDerm	-7.15E-10	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000712	-3.49E-10	25YrCancerHighEnd_InhSoilDerm	-3.49E-10	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.000976	-4.78E-10	25YrCancerHighEnd_InhSoilDerm	-4.78E-10	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000713	-3.49E-10	25YrCancerHighEnd_InhSoilDerm	-3.49E-10	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.26E-03	-6.17E-10	25YrCancerHighEnd_InhSoilDerm	-6.17E-10	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.35E-04	-1.64E-10	25YrCancerHighEnd_InhSoilDerm	-1.64E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00119	-5.82E-10	25YrCancerHighEnd_InhSoilDerm	-5.82E-10	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00124	-6.07E-10	25YrCancerHighEnd_InhSoilDerm	-6.07E-10	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00244	-1.19E-09	25YrCancerHighEnd_InhSoilDerm	-1.19E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-6.28E-04	-3.07E-10	25YrCancerHighEnd_InhSoilDerm	-3.07E-10	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-2.92E-04	-1.43E-10	25YrCancerHighEnd_InhSoilDerm	-1.43E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.04E-03	-9.99E-10	25YrCancerHighEnd_InhSoilDerm	-9.99E-10	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.000625	-3.06E-10	25YrCancerHighEnd_InhSoilDerm	-3.06E-10	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00583	6.89E-09	25YrCancerHighEnd_InhSoilDerm	6.89E-09	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00594	7.02E-09	25YrCancerHighEnd_InhSoilDerm	7.02E-09	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.00878	1.04E-08	25YrCancerHighEnd_InhSoilDerm	1.04E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.00986	1.17E-08	25YrCancerHighEnd_InhSoilDerm	1.17E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.00902	1.07E-08	25YrCancerHighEnd_InhSoilDerm	1.07E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0296	3.50E-08	25YrCancerHighEnd_InhSoilDerm	3.50E-08	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0388	4.58E-08	25YrCancerHighEnd_InhSoilDerm	4.58E-08	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0253	2.99E-08	25YrCancerHighEnd_InhSoilDerm	2.99E-08	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0367	4.34E-08	25YrCancerHighEnd_InhSoilDerm	4.34E-08	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.024	2.84E-08	25YrCancerHighEnd_InhSoilDerm	2.84E-08	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0144	1.70E-08	25YrCancerHighEnd_InhSoilDerm	1.70E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.011	1.30E-08	25YrCancerHighEnd_InhSoilDerm	1.30E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00579	6.84E-09	25YrCancerHighEnd_InhSoilDerm	6.84E-09	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00239	-2.82E-09	25YrCancerHighEnd_InhSoilDerm	-2.82E-09	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00262	3.10E-09	25YrCancerHighEnd_InhSoilDerm	3.10E-09	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.00561	6.63E-09	25YrCancerHighEnd_InhSoilDerm	6.63E-09	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00656	7.75E-09	25YrCancerHighEnd_InhSoilDerm	7.75E-09	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00841	9.94E-09	25YrCancerHighEnd_InhSoilDerm	9.94E-09	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	1.89E-02	2.23E-08	25YrCancerHighEnd_InhSoilDerm	2.23E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.0333	3.93E-08	25YrCancerHighEnd_InhSoilDerm	3.93E-08	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0573	6.77E-08	25YrCancerHighEnd_InhSoilDerm	6.77E-08	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.125	1.48E-07	25YrCancerHighEnd_InhSoilDerm	1.48E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	3.68E-02	4.35E-08	25YrCancerHighEnd_InhSoilDerm	4.35E-08	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.041	4.84E-08	25YrCancerHighEnd_InhSoilDerm	4.84E-08	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.14E-02	4.89E-08	25YrCancerHighEnd_InhSoilDerm	4.89E-08	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	4.11E-02	4.86E-08	25YrCancerHighEnd_InhSoilDerm	4.86E-08	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0459	5.42E-08	25YrCancerHighEnd_InhSoilDerm	5.42E-08	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0157	1.86E-08	25YrCancerHighEnd_InhSoilDerm	1.86E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.00928	1.10E-08	25YrCancerHighEnd_InhSoilDerm	1.10E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00303	-3.58E-09	25YrCancerHighEnd_InhSoilDerm	-3.58E-09	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.00141	-1.67E-09	25YrCancerHighEnd_InhSoilDerm	-1.67E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00726	8.58E-09	25YrCancerHighEnd_InhSoilDerm	8.58E-09	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00771	9.11E-09	25YrCancerHighEnd_InhSoilDerm	9.11E-09	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0269	3.18E-08	25YrCancerHighEnd_InhSoilDerm	3.18E-08	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.031	3.66E-08	25YrCancerHighEnd_InhSoilDerm	3.66E-08	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.000882	-1.04E-09	25YrCancerHighEnd_InhSoilDerm	-1.04E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00696	8.22E-09	25YrCancerHighEnd_InhSoilDerm	8.22E-09	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.0973	1.15E-07	25YrCancerHighEnd_InhSoilDerm	1.15E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0271	3.20E-08	25YrCancerHighEnd_InhSoilDerm	3.20E-08	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00327	-3.86E-09	25YrCancerHighEnd_InhSoilDerm	-3.86E-09	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000714	8.44E-10	25YrCancerHighEnd_InhSoilDerm	8.44E-10	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000443	5.23E-10	25YrCancerHighEnd_InhSoilDerm	5.23E-10	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000652	7.70E-10	25YrCancerHighEnd_InhSoilDerm	7.70E-10	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.41E-03	1.67E-09	25YrCancerHighEnd_InhSoilDerm	1.67E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00155	1.83E-09	25YrCancerHighEnd_InhSoilDerm	1.83E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00216	2.55E-09	25YrCancerHighEnd_InhSoilDerm	2.55E-09	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.0032	3.78E-09	25YrCancerHighEnd_InhSoilDerm	3.78E-09	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00391	4.62E-09	25YrCancerHighEnd_InhSoilDerm	4.62E-09	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00464	5.48E-09	25YrCancerHighEnd_InhSoilDerm	5.48E-09	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	9.75E-04	1.15E-09	25YrCancerHighEnd_InhSoilDerm	1.15E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00115	1.36E-09	25YrCancerHighEnd_InhSoilDerm	1.36E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00266	3.14E-09	25YrCancerHighEnd_InhSoilDerm	3.14E-09	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0263	3.11E-08	25YrCancerHighEnd_InhSoilDerm	3.11E-08	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00238	2.81E-09	25YrCancerHighEnd_InhSoilDerm	2.81E-09	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00503	5.94E-09	25YrCancerHighEnd_InhSoilDerm	5.94E-09	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0468	5.53E-08	25YrCancerHighEnd_InhSoilDerm	5.53E-08	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00358	4.23E-09	25YrCancerHighEnd_InhSoilDerm	4.23E-09	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.00151	-1.78E-09	25YrCancerHighEnd_InhSoilDerm	-1.78E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00218	2.5757E-09	25YrCancerHighEnd_InhSoilDerm	2.5757E-09	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00502	5.9312E-09	25YrCancerHighEnd_InhSoilDerm	5.9312E-09	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0208	2.4575E-08	25YrCancerHighEnd_InhSoilDerm	2.4575E-08	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0162	1.914E-08	25YrCancerHighEnd_InhSoilDerm	1.914E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.00894	1.0563E-08	25YrCancerHighEnd_InhSoilDerm	1.0563E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.00915	1.0811E-08	25YrCancerHighEnd_InhSoilDerm	1.0811E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00168	1.9849E-09	25YrCancerHighEnd_InhSoilDerm	1.9849E-09	0	0	0

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00629	7.4317E-09	25YrCancerHighEnd_InhSoilDerm	7.4317E-09	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00248	2.9301E-09	25YrCancerHighEnd_InhSoilDerm	2.9301E-09	0	0	0
948	1088	-938	50000	Formaldehyde	0.041	4.8442E-08	25YrCancerHighEnd_InhSoilDerm	4.8442E-08	0	0	0
949	1647	-390	50000	Formaldehyde	0.00563	6.6519E-09	25YrCancerHighEnd_InhSoilDerm	6.6519E-09	0	0	0
950	1650	-890	50000	Formaldehyde	0.0194	2.2921E-08	25YrCancerHighEnd_InhSoilDerm	2.2921E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00779	-9.2039E-09	25YrCancerHighEnd_InhSoilDerm	-9.2039E-09	0	0	0
952	1142	615	50000	Formaldehyde	0.00539	6.3683E-09	25YrCancerHighEnd_InhSoilDerm	6.3683E-09	0	0	0
953	-333	-788	50000	Formaldehyde	0.0222	2.6229E-08	25YrCancerHighEnd_InhSoilDerm	2.6229E-08	0	0	0
954	-42	-825	50000	Formaldehyde	0.0276	3.261E-08	25YrCancerHighEnd_InhSoilDerm	3.261E-08	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0218	2.5757E-08	25YrCancerHighEnd_InhSoilDerm	2.5757E-08	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0122	1.4414E-08	25YrCancerHighEnd_InhSoilDerm	1.4414E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00721	8.5187E-09	25YrCancerHighEnd_InhSoilDerm	8.5187E-09	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0103	1.217E-08	25YrCancerHighEnd_InhSoilDerm	1.217E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.00864	1.0208E-08	25YrCancerHighEnd_InhSoilDerm	1.0208E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0143	1.6896E-08	25YrCancerHighEnd_InhSoilDerm	1.6896E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00271	3.2019E-09	25YrCancerHighEnd_InhSoilDerm	3.2019E-09	0	0	0
962	2577	-940	50000	Formaldehyde	0.0146	1.725E-08	25YrCancerHighEnd_InhSoilDerm	1.725E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00812	9.5938E-09	25YrCancerHighEnd_InhSoilDerm	9.5938E-09	0	0	0
964	1577	291	50000	Formaldehyde	0.00574	6.7818E-09	25YrCancerHighEnd_InhSoilDerm	6.7818E-09	0	0	0
965	2400	240	50000	Formaldehyde	0.00277	3.2728E-09	25YrCancerHighEnd_InhSoilDerm	3.2728E-09	0	0	0
966	2600	1290	50000	Formaldehyde	0.00246	2.9065E-09	25YrCancerHighEnd_InhSoilDerm	2.9065E-09	0	0	0
967	900	935	50000	Formaldehyde	0.00544	6.4274E-09	25YrCancerHighEnd_InhSoilDerm	6.4274E-09	0	0	0
968	1375	1395	50000	Formaldehyde	0.0049	5.7894E-09	25YrCancerHighEnd_InhSoilDerm	5.7894E-09	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0.0000318	6.262E-12	25YrCancerHighEnd_InhSoilDerm	6.262E-12	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0.0000305	6.006E-12	25YrCancerHighEnd_InhSoilDerm	6.006E-12	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0.0000252	4.9623E-12	25YrCancerHighEnd_InhSoilDerm	4.9623E-12	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0.0000196	3.8596E-12	25YrCancerHighEnd_InhSoilDerm	3.8596E-12	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0.0000148	2.9144E-12	25YrCancerHighEnd_InhSoilDerm	2.9144E-12	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0.0000175	3.4461E-12	25YrCancerHighEnd_InhSoilDerm	3.4461E-12	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0.0000223	4.3913E-12	25YrCancerHighEnd_InhSoilDerm	4.3913E-12	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0.0000687	1.3528E-11	25YrCancerHighEnd_InhSoilDerm	1.3528E-11	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0.000158	3.1113E-11	25YrCancerHighEnd_InhSoilDerm	3.1113E-11	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0.000113	2.2252E-11	25YrCancerHighEnd_InhSoilDerm	2.2252E-11	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0.0000725	1.4277E-11	25YrCancerHighEnd_InhSoilDerm	1.4277E-11	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0.0000591	1.1638E-11	25YrCancerHighEnd_InhSoilDerm	1.1638E-11	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0.000054	1.0634E-11	25YrCancerHighEnd_InhSoilDerm	1.0634E-11	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0.000045	8.8613E-12	25YrCancerHighEnd_InhSoilDerm	8.8613E-12	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0.0000427	8.4084E-12	25YrCancerHighEnd_InhSoilDerm	8.4084E-12	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0.0000395	7.7783E-12	25YrCancerHighEnd_InhSoilDerm	7.7783E-12	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0.0000362	7.1284E-12	25YrCancerHighEnd_InhSoilDerm	7.1284E-12	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0.0000334	6.5771E-12	25YrCancerHighEnd_InhSoilDerm	6.5771E-12	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0.0000214	4.214E-12	25YrCancerHighEnd_InhSoilDerm	4.214E-12	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0.0000221	4.3519E-12	25YrCancerHighEnd_InhSoilDerm	4.3519E-12	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0.0000269	5.2971E-12	25YrCancerHighEnd_InhSoilDerm	5.2971E-12	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0.0000566	1.1146E-11	25YrCancerHighEnd_InhSoilDerm	1.1146E-11	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0.000168	3.3082E-11	25YrCancerHighEnd_InhSoilDerm	3.3082E-11	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0.000311	6.1241E-11	25YrCancerHighEnd_InhSoilDerm	6.1241E-11	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0.000466	9.1764E-11	25YrCancerHighEnd_InhSoilDerm	9.1764E-11	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0.000648	1.276E-10	25YrCancerHighEnd_InhSoilDerm	1.276E-10	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0.000878	1.7289E-10	25YrCancerHighEnd_InhSoilDerm	1.7289E-10	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0.000825	1.6246E-10	25YrCancerHighEnd_InhSoilDerm	1.6246E-10	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0.000835	1.6443E-10	25YrCancerHighEnd_InhSoilDerm	1.6443E-10	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0.000755	1.4867E-10	25YrCancerHighEnd_InhSoilDerm	1.4867E-10	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0.0000482	9.4914E-12	25YrCancerHighEnd_InhSoilDerm	9.4914E-12	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0.0000454	8.9401E-12	25YrCancerHighEnd_InhSoilDerm	8.9401E-12	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0.0000322	6.3408E-12	25YrCancerHighEnd_InhSoilDerm	6.3408E-12	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0.0000366	7.2072E-12	25YrCancerHighEnd_InhSoilDerm	7.2072E-12	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0.000121	2.3827E-11	25YrCancerHighEnd_InhSoilDerm	2.3827E-11	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0.0000276	5.4349E-12	25YrCancerHighEnd_InhSoilDerm	5.4349E-12	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0.0000239	4.7063E-12	25YrCancerHighEnd_InhSoilDerm	4.7063E-12	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0.0000942	1.855E-11	25YrCancerHighEnd_InhSoilDerm	1.855E-11	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0.000918	1.8077E-10	25YrCancerHighEnd_InhSoilDerm	1.8077E-10	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0.000203	3.9974E-11	25YrCancerHighEnd_InhSoilDerm	3.9974E-11	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0.00000453	8.9204E-13	25YrCancerHighEnd_InhSoilDerm	8.9204E-13	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0.00000349	6.8724E-13	25YrCancerHighEnd_InhSoilDerm	6.8724E-13	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0.00000604	1.1894E-12	25YrCancerHighEnd_InhSoilDerm	1.1894E-12	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0.00000618	1.217E-12	25YrCancerHighEnd_InhSoilDerm	1.217E-12	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0.0000128	2.5205E-12	25YrCancerHighEnd_InhSoilDerm	2.5205E-12	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0.000017	3.3476E-12	25YrCancerHighEnd_InhSoilDerm	3.3476E-12	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0.0000192	3.7808E-12	25YrCancerHighEnd_InhSoilDerm	3.7808E-12	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0.0000146	2.875E-12	25YrCancerHighEnd_InhSoilDerm	2.875E-12	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0.0000119	2.3433E-12	25YrCancerHighEnd_InhSoilDerm	2.3433E-12	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0.00000771	1.5182E-12	25YrCancerHighEnd_InhSoilDerm	1.5182E-12	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0.00000793	1.5616E-12	25YrCancerHighEnd_InhSoilDerm	1.5616E-12	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0.0000056	1.1027E-12	25YrCancerHighEnd_InhSoilDerm	1.1027E-12	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0.000035	6.8921E-12	25YrCancerHighEnd_InhSoilDerm	6.8921E-12	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0.00000673	1.3253E-12	25YrCancerHighEnd_InhSoilDerm	1.3253E-12	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0.0000155	3.0522E-12	25YrCancerHighEnd_InhSoilDerm	3.0522E-12	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0.000249	4.9033E-11	25YrCancerHighEnd_InhSoilDerm	4.9033E-11	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0.0000283	5.5728E-12	25YrCancerHighEnd_InhSoilDerm	5.5728E-12	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0.000028	5.5137E-12	25YrCancerHighEnd_InhSoilDerm	5.5137E-12	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0.0000675	1.3292E-11	25YrCancerHighEnd_InhSoilDerm	1.3292E-11	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0.000537	1.0574E-10	25YrCancerHighEnd_InhSoilDerm	1.0574E-10	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0.0000573	1.1283E-11	25YrCancerHighEnd_InhSoilDerm	1.1283E-11	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0.0000489	9.6293E-12	25YrCancerHighEnd_InhSoilDerm	9.6293E-12	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0.0000133	2.619E-12	25YrCancerHighEnd_InhSoilDerm	2.619E-12	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0.0000102	2.0086E-12	25YrCancerHighEnd_InhSoilDerm	2.0086E-12	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0.00000418	8.2312E-13	25YrCancerHighEnd_InhSoilDerm	8.2312E-13	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0.0000234	4.6079E-12	25YrCancerHighEnd_InhSoilDerm	4.6079E-12	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0.00000544	1.0712E-12	25YrCancerHighEnd_InhSoilDerm	1.0712E-12	0	0	0
1036	1088	-938	75092	Methylene Chlor	0.000101	1.9889E-11	25YrCancerHighEnd_InhSoilDerm	1.9889E-11	0	0	0
1037	1647	-390	75092	Methylene Chlor	0.000019	3.7414E-12	25YrCancerHighEnd_InhSoilDerm	3.7414E-12	0	0	0
1038	1650	-890	75092	Methylene Chlor	0.0000501	9.8656E-12	25YrCancerHighEnd_InhSoilDerm	9.8656E-12	0	0	0
1039	1430	215	75092	Methylene Chlor	0.0000166	3.2688E-12	25YrCancerHighEnd_InhSoilDerm	3.2688E-12	0	0	0
1040	1142	615	75092	Methylene Chlor	0.0000241	4.7457E-12	25YrCancerHighEnd_InhSoilDerm	4.7457E-12	0	0	0
1041	-333	-788	75092	Methylene Chlor	0.000327	6.4392E-11	25YrCancerHighEnd_InhSoilDerm	6.4392E-11	0	0	0
1042	-42	-825	75092	Methylene Chlor	0.000329	6.4786E-11	25YrCancerHighEnd_InhSoilDerm	6.4786E-11	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0.0000444	8.7432E-12	25YrCancerHighEnd_InhSoilDerm	8.7432E-12	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0.0000311	6.1241E-12	25YrCancerHighEnd_InhSoilDerm	6.1241E-12	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0.000017	3.3476E-12	25YrCancerHighEnd_InhSoilDerm	3.3476E-12	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0.0000225	4.4307E-12	25YrCancerHighEnd_InhSoilDerm	4.4307E-12	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0.0000182	3.5839E-12	25YrCancerHighEnd_InhSoilDerm	3.5839E-12	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0.0000258	5.0805E-12	25YrCancerHighEnd_InhSoilDerm	5.0805E-12	0	0	0
1049	3400	-250	75092	Methylene Chlor	0.00000511	1.0063E-12	25YrCancerHighEnd_InhSoilDerm	1.0063E-12	0	0	0
1050	2577	-940	75092	Methylene Chlor	0.0000167	3.2885E-12	25YrCancerHighEnd_InhSoilDerm	3.2885E-12	0	0	0

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0.0000103	2.0283E-12	25YrCancerHighEnd_InhSoilDerm	2.0283E-12	0	0	0
1052	1577	291	75092	Methylene Chlor	0.0000139	2.7372E-12	25YrCancerHighEnd_InhSoilDerm	2.7372E-12	0	0	0
1053	2400	240	75092	Methylene Chlor	0.00000709	1.3961E-12	25YrCancerHighEnd_InhSoilDerm	1.3961E-12	0	0	0
1054	2600	1290	75092	Methylene Chlor	0.00000633	1.2465E-12	25YrCancerHighEnd_InhSoilDerm	1.2465E-12	0	0	0
1055	900	935	75092	Methylene Chlor	0.0000273	5.3759E-12	25YrCancerHighEnd_InhSoilDerm	5.3759E-12	0	0	0
1056	1375	1395	75092	Methylene Chlor	0.0000156	3.0719E-12	25YrCancerHighEnd_InhSoilDerm	3.0719E-12	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000672	-4.537E-09	25YrCancerHighEnd_InhSoilDerm	-4.537E-09	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000381	-2.5723E-09	25YrCancerHighEnd_InhSoilDerm	-2.5723E-09	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.00012	8.1018E-10	25YrCancerHighEnd_InhSoilDerm	8.1018E-10	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000167	1.1275E-09	25YrCancerHighEnd_InhSoilDerm	1.1275E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000164	1.1072E-09	25YrCancerHighEnd_InhSoilDerm	1.1072E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.000919	6.2046E-09	25YrCancerHighEnd_InhSoilDerm	6.2046E-09	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00115	7.7642E-09	25YrCancerHighEnd_InhSoilDerm	7.7642E-09	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.00025	1.6879E-09	25YrCancerHighEnd_InhSoilDerm	1.6879E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00108	7.2916E-09	25YrCancerHighEnd_InhSoilDerm	7.2916E-09	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000559	3.7741E-09	25YrCancerHighEnd_InhSoilDerm	3.7741E-09	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.0000991	6.6907E-10	25YrCancerHighEnd_InhSoilDerm	6.6907E-10	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000141	-9.5196E-10	25YrCancerHighEnd_InhSoilDerm	-9.5196E-10	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.000951	-6.4206E-09	25YrCancerHighEnd_InhSoilDerm	-6.4206E-09	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00214	-1.4448E-08	25YrCancerHighEnd_InhSoilDerm	-1.4448E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00129	-8.7094E-09	25YrCancerHighEnd_InhSoilDerm	-8.7094E-09	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000824	-5.5632E-09	25YrCancerHighEnd_InhSoilDerm	-5.5632E-09	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000745	-5.0298E-09	25YrCancerHighEnd_InhSoilDerm	-5.0298E-09	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00058	-3.9159E-09	25YrCancerHighEnd_InhSoilDerm	-3.9159E-09	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.00071	-4.7935E-09	25YrCancerHighEnd_InhSoilDerm	-4.7935E-09	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000148	9.9922E-10	25YrCancerHighEnd_InhSoilDerm	9.9922E-10	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.00053	3.5783E-09	25YrCancerHighEnd_InhSoilDerm	3.5783E-09	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00356	2.4035E-08	25YrCancerHighEnd_InhSoilDerm	2.4035E-08	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00383	-2.5858E-08	25YrCancerHighEnd_InhSoilDerm	-2.5858E-08	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00289	-1.9512E-08	25YrCancerHighEnd_InhSoilDerm	-1.9512E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00346	-2.336E-08	25YrCancerHighEnd_InhSoilDerm	-2.336E-08	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00382	-2.5791E-08	25YrCancerHighEnd_InhSoilDerm	-2.5791E-08	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00253	-1.7081E-08	25YrCancerHighEnd_InhSoilDerm	-1.7081E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00378	-2.5521E-08	25YrCancerHighEnd_InhSoilDerm	-2.5521E-08	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00447	-3.0179E-08	25YrCancerHighEnd_InhSoilDerm	-3.0179E-08	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.00574	-3.8753E-08	25YrCancerHighEnd_InhSoilDerm	-3.8753E-08	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00316	-2.1335E-08	25YrCancerHighEnd_InhSoilDerm	-2.1335E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00175	-1.1815E-08	25YrCancerHighEnd_InhSoilDerm	-1.1815E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.0000819	-5.5295E-10	25YrCancerHighEnd_InhSoilDerm	-5.5295E-10	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000463	3.1259E-09	25YrCancerHighEnd_InhSoilDerm	3.1259E-09	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000604	4.0779E-09	25YrCancerHighEnd_InhSoilDerm	4.0779E-09	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.0024	-1.6204E-08	25YrCancerHighEnd_InhSoilDerm	-1.6204E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00149	-1.006E-08	25YrCancerHighEnd_InhSoilDerm	-1.006E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00224	1.5123E-08	25YrCancerHighEnd_InhSoilDerm	1.5123E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00286	-1.9309E-08	25YrCancerHighEnd_InhSoilDerm	-1.9309E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00474	-3.2002E-08	25YrCancerHighEnd_InhSoilDerm	-3.2002E-08	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000427	-2.8829E-11	25YrCancerHighEnd_InhSoilDerm	-2.8829E-11	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000546	-3.6863E-11	25YrCancerHighEnd_InhSoilDerm	-3.6863E-11	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.00000895	-6.0426E-11	25YrCancerHighEnd_InhSoilDerm	-6.0426E-11	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000312	2.1065E-12	25YrCancerHighEnd_InhSoilDerm	2.1065E-12	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.00000912	-6.1573E-11	25YrCancerHighEnd_InhSoilDerm	-6.1573E-11	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.0000448	-3.0247E-10	25YrCancerHighEnd_InhSoilDerm	-3.0247E-10	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000502	3.3892E-11	25YrCancerHighEnd_InhSoilDerm	3.3892E-11	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.0000541	3.6525E-10	25YrCancerHighEnd_InhSoilDerm	3.6525E-10	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.000052	3.5108E-10	25YrCancerHighEnd_InhSoilDerm	3.5108E-10	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000033	2.228E-11	25YrCancerHighEnd_InhSoilDerm	2.228E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000619	4.1792E-11	25YrCancerHighEnd_InhSoilDerm	4.1792E-11	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000327	2.2077E-10	25YrCancerHighEnd_InhSoilDerm	2.2077E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000468	3.1597E-09	25YrCancerHighEnd_InhSoilDerm	3.1597E-09	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000175	1.1815E-10	25YrCancerHighEnd_InhSoilDerm	1.1815E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.0000448	3.0247E-10	25YrCancerHighEnd_InhSoilDerm	3.0247E-10	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000316	2.1335E-09	25YrCancerHighEnd_InhSoilDerm	2.1335E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.000867	-5.8535E-09	25YrCancerHighEnd_InhSoilDerm	-5.8535E-09	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.00169	-1.141E-08	25YrCancerHighEnd_InhSoilDerm	-1.141E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00303	-2.0457E-08	25YrCancerHighEnd_InhSoilDerm	-2.0457E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00385	-2.5993E-08	25YrCancerHighEnd_InhSoilDerm	-2.5993E-08	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.000973	-6.5692E-09	25YrCancerHighEnd_InhSoilDerm	-6.5692E-09	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000496	-3.3487E-09	25YrCancerHighEnd_InhSoilDerm	-3.3487E-09	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000204	1.3773E-09	25YrCancerHighEnd_InhSoilDerm	1.3773E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000196	1.3233E-09	25YrCancerHighEnd_InhSoilDerm	1.3233E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000011	7.4266E-11	25YrCancerHighEnd_InhSoilDerm	7.4266E-11	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.00000857	5.786E-11	25YrCancerHighEnd_InhSoilDerm	5.786E-11	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000128	8.6419E-12	25YrCancerHighEnd_InhSoilDerm	8.6419E-12	0	0	0
1124	1088	-938	91203	Naphthalene	0.000601	4.0576E-09	25YrCancerHighEnd_InhSoilDerm	4.0576E-09	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00267	-1.8026E-08	25YrCancerHighEnd_InhSoilDerm	-1.8026E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00247	-1.6676E-08	25YrCancerHighEnd_InhSoilDerm	-1.6676E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00308	-2.0795E-08	25YrCancerHighEnd_InhSoilDerm	-2.0795E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.000498	-3.3622E-09	25YrCancerHighEnd_InhSoilDerm	-3.3622E-09	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000469	-3.1664E-09	25YrCancerHighEnd_InhSoilDerm	-3.1664E-09	0	0	0
1130	-42	-825	91203	Naphthalene	0.0000246	1.6609E-10	25YrCancerHighEnd_InhSoilDerm	1.6609E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000237	1.6001E-10	25YrCancerHighEnd_InhSoilDerm	1.6001E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000125	8.4393E-10	25YrCancerHighEnd_InhSoilDerm	8.4393E-10	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000112	7.5616E-10	25YrCancerHighEnd_InhSoilDerm	7.5616E-10	0	0	0
1134	2665	-2025	91203	Naphthalene	0.00017	1.1477E-09	25YrCancerHighEnd_InhSoilDerm	1.1477E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000169	1.141E-09	25YrCancerHighEnd_InhSoilDerm	1.141E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.00026	1.7554E-09	25YrCancerHighEnd_InhSoilDerm	1.7554E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000251	1.6946E-10	25YrCancerHighEnd_InhSoilDerm	1.6946E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000289	1.9512E-09	25YrCancerHighEnd_InhSoilDerm	1.9512E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.0000152	1.0262E-10	25YrCancerHighEnd_InhSoilDerm	1.0262E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000383	-2.5858E-09	25YrCancerHighEnd_InhSoilDerm	-2.5858E-09	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000461	-3.1124E-10	25YrCancerHighEnd_InhSoilDerm	-3.1124E-10	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000258	1.7419E-10	25YrCancerHighEnd_InhSoilDerm	1.7419E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000295	-1.9917E-09	25YrCancerHighEnd_InhSoilDerm	-1.9917E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000405	2.7343E-10	25YrCancerHighEnd_InhSoilDerm	2.7343E-10	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0247	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0164	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.00279	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	-0.00316	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	-0.0026	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.00543	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.00871	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0146	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00476	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.004	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00332	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

Alternative 4 RAST Output 25 Year Worker 16-40 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:25:00 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_25-Year Worker_16-40_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.0046	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00215	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.0355	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0246	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0249	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0312	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.0355	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.118	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0615	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0707	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0605	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.202	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0801	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0725	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.091	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.139	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.225	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0509	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.169	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.0337	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0796	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	-0.00685	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0124	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.0092	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.0954	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.126	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0579	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	-0.0287	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.122	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000271	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000193	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.000156	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.00018	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.00012	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	-0.000243	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	-0.000324	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	-0.000267	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	-0.00121	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000205	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.00027	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	-0.000449	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0116	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	-0.000285	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	-0.00018	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.057	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0505	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	-0.000999	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0827	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.102	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.132	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0484	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00798	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0082	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00217	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00124	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00401	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0468	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1213	1647	-390	9960	SULFATES	0.17	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1214	1650	-890	9960	SULFATES	0.163	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1215	1430	215	9960	SULFATES	0.162	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1216	1142	615	9960	SULFATES	0.032	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1217	-333	-788	9960	SULFATES	-0.0143	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1218	-42	-825	9960	SULFATES	0.00323	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0685	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0149	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00606	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0097	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00757	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.02	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00299	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0196	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1227	2404	-475	9960	SULFATES	0.018	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1228	1577	291	9960	SULFATES	0.0326	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1229	2400	240	9960	SULFATES	0.00694	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00344	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1231	900	935	9960	SULFATES	0.0124	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00523	0	25YrCancerHighEnd_InhSoilDerm	0	0	0	0

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-4.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	-3.11E-09	-4.62E-10	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-3.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.16E-10	-2.10E-09	-3.12E-10	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-2.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-11	-1.40E-10	-2.08E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-3.04E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.97E-11	-2.04E-10	-3.04E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-2.82E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-11	-1.89E-10	-2.81E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-7.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.71E-10	-5.02E-10	-7.45E-11	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-1.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-10	-8.65E-10	-1.28E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.55E-10	-1.63E-09	-2.42E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	4.29E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.82E-11	2.88E-10	4.28E-11	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	8.31E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-10	5.58E-10	8.29E-11	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	1.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	9.72E-10	1.44E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	2.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-10	1.46E-09	2.18E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	6.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-09	4.04E-09	6.01E-10	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	1.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-09	9.72E-09	1.44E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	1.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	6.99E-09	1.04E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	9.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-09	6.37E-09	9.46E-10	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	1.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-09	6.91E-09	1.03E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-09	7.10E-09	1.06E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	3.04E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-09	2.04E-08	3.04E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	1.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.87E-09	1.14E-08	1.69E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-09	1.44E-08	2.14E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	1.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.31E-09	1.26E-08	1.88E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	5.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-08	3.80E-08	5.65E-09	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	2.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-09	1.70E-08	2.53E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	2.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.46E-09	1.60E-08	2.38E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	2.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-09	1.78E-08	2.64E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	3.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-09	2.12E-08	3.14E-09	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-5.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-08	-3.37E-08	-5.01E-09	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-09	-7.10E-09	-1.06E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-3.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.06E-09	-2.66E-08	-3.95E-09	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-5.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-09	-3.42E-09	-5.09E-10	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-1.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-09	-1.07E-08	-1.59E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-1.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-10	-6.79E-10	-1.01E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-1.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-10	-1.23E-09	-1.83E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-1.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.75E-10	-1.10E-09	-1.63E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	2.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-09	1.46E-08	2.18E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	3.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-09	2.14E-08	3.18E-09	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	1.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.12E-09	1.21E-08	1.79E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-8.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-09	-5.59E-09	-8.30E-10	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-3.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.09E-09	-2.08E-08	-3.09E-09	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	8.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.95E-11	5.72E-11	8.50E-12	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	6.91E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-11	4.64E-11	6.89E-12	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	6.32E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-11	4.24E-11	6.31E-12	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	1.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.07E-11	9.00E-11	1.34E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	9.62E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.20E-11	6.46E-11	9.60E-12	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	5.65E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-11	3.79E-11	5.64E-12	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	7.50E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-11	5.04E-11	7.48E-12	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	1.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-11	7.93E-11	1.18E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-6.62E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.52E-11	-4.44E-11	-6.60E-12	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	8.84E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-11	5.94E-11	8.82E-12	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	1.18E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-11	7.93E-11	1.18E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-4.53E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-12	-3.04E-12	-4.52E-13	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-1.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-10	-1.16E-09	-1.72E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	5.10E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-11	3.42E-11	5.09E-12	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	1.43E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.26E-11	9.58E-11	1.42E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	1.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	9.79E-09	1.45E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-09	9.36E-09	1.39E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	2.47E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.65E-10	1.66E-09	2.46E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-2.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-09	-1.38E-08	-2.05E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-2.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.94E-09	-1.74E-08	-2.59E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	3.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.94E-09	2.33E-08	3.46E-09	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	1.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-09	8.86E-09	1.32E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	2.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.14E-10	1.51E-09	2.24E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.55E-10	1.63E-09	2.42E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	7.38E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-10	4.95E-10	7.36E-11	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	7.15E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-10	4.80E-10	7.13E-11	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	1.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	8.86E-10	1.32E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	1.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-09	8.29E-09	1.23E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	4.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	3.28E-08	4.87E-09	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	4.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	3.19E-08	4.75E-09	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	4.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	3.03E-08	4.50E-09	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	9.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.26E-09	6.64E-09	9.86E-10	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-4.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.60E-10	-2.82E-09	-4.18E-10	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-6.12E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-10	-4.11E-10	-6.10E-11	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	1.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-09	1.21E-08	1.80E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	3.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.09E-10	2.67E-09	3.96E-10	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	1.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.75E-10	1.10E-09	1.63E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	2.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-10	1.72E-09	2.56E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	2.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-10	1.36E-09	2.02E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	5.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-09	3.59E-09	5.33E-10	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	1.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.30E-10	6.75E-10	1.00E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	5.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-09	3.67E-09	5.45E-10	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	5.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-09	3.47E-09	5.15E-10	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	9.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-09	6.30E-09	9.35E-10	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	2.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.19E-10	1.52E-09	2.26E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	9.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.22E-10	6.51E-10	9.67E-11	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-09	7.36E-09	1.09E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	1.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.34E-10	1.27E-09	1.89E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-4.00E-06	-4.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-07	-9.53E-09	-4.72E-10	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.65E-06	-2.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.74E-07	-6.31E-09	-3.13E-10	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	-1.52E-07	-1.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-08	-3.62E-10	-1.79E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	-2.10E-07	-2.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.17E-08	-5.00E-10	-2.48E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	-2.00E-07	-2.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-08	-4.76E-10	-2.36E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-5.09E-07	-5.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.27E-08	-1.21E-09	-6.00E-11	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-7.44E-07	-7.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.70E-08	-1.77E-09	-8.78E-11	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.82E-06	-1.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-07	-4.34E-09	-2.15E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.27E-06	1.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	3.03E-09	1.50E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.18E-06	1.25E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	2.81E-09	1.39E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.31E-06	1.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	3.12E-09	1.55E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.75E-06	1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	4.17E-09	2.06E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.70E-06	3.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-07	8.81E-09	4.36E-10	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.05E-05	1.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	2.50E-08	1.24E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.58E-06	8.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.85E-07	1.81E-08	8.94E-10	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.12E-06	7.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.37E-07	1.70E-08	8.40E-10	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.00E-06	8.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.28E-07	1.91E-08	9.44E-10	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.49E-06	9.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.79E-07	2.02E-08	1.00E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.50E-05	2.65E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-06	5.95E-08	2.95E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.40E-05	1.48E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.45E-06	3.33E-08	1.65E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.73E-05	1.83E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-06	4.12E-08	2.04E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.60E-05	1.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-06	3.81E-08	1.89E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.55E-05	4.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-06	1.08E-07	5.37E-09	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.02E-05	2.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-06	4.81E-08	2.38E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.89E-05	2.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-06	4.50E-08	2.23E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.15E-05	2.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-06	5.12E-08	2.54E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.73E-05	2.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.83E-06	6.50E-08	3.22E-09	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.17E-05	-4.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.32E-06	-9.93E-08	-4.92E-09	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-8.57E-06	-9.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-07	-2.04E-08	-1.01E-09	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.23E-05	-3.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.34E-06	-7.69E-08	-3.81E-09	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-4.73E-06	-5.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.90E-07	-1.13E-08	-5.58E-10	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.38E-05	-1.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-06	-3.29E-08	-1.63E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-8.52E-07	-9.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.82E-08	-2.03E-09	-1.01E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.34E-06	-1.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-07	-3.19E-09	-1.58E-10	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.93E-07	-9.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.25E-08	-2.13E-09	-1.05E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.87E-05	1.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-06	4.45E-08	2.21E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.62E-05	2.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.71E-06	6.24E-08	3.09E-09	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.52E-05	1.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-06	3.62E-08	1.79E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-5.71E-06	-6.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.91E-07	-1.36E-08	-6.74E-10	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.46E-05	-2.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-06	-5.86E-08	-2.90E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	8.40E-08	8.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	2.00E-10	9.91E-12	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	6.49E-08	6.88E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.72E-09	1.55E-10	7.66E-12	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	6.51E-08	6.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.74E-09	1.55E-10	7.68E-12	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.17E-07	1.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	2.79E-10	1.38E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	9.95E-08	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	2.37E-10	1.17E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	7.31E-08	7.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-09	1.74E-10	8.62E-12	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	9.12E-08	9.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.44E-09	2.17E-10	1.08E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.27E-07	1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	3.03E-10	1.50E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	-3.44E-08	-3.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.56E-09	-8.19E-11	-4.06E-12	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	8.46E-08	8.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.76E-09	2.02E-10	9.98E-12	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.07E-07	1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-08	2.55E-10	1.26E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.13E-08	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-09	2.69E-11	1.33E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.25E-06	-1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.29E-07	-2.98E-09	-1.47E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	5.03E-08	5.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-09	1.20E-10	5.93E-12	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	1.52E-07	1.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-08	3.62E-10	1.79E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.26E-05	1.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-06	3.00E-08	1.49E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.11E-05	1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-06	2.64E-08	1.31E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.45E-06	1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-07	3.45E-09	1.71E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.64E-05	-1.74E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-06	-3.91E-08	-1.93E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-2.05E-05	-2.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-06	-4.88E-08	-2.42E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.82E-05	2.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-06	6.72E-08	3.33E-09	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.08E-05	1.15E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-06	2.57E-08	1.27E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.92E-06	2.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-07	4.57E-09	2.26E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.05E-06	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-07	4.88E-09	2.42E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	5.85E-07	6.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.06E-08	1.39E-09	6.90E-11	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	5.95E-07	6.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-08	1.42E-09	7.02E-11	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.05E-06	1.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-07	2.50E-09	1.24E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.05E-05	1.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-06	2.50E-08	1.24E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.85E-05	4.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.99E-06	9.17E-08	4.54E-09	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.75E-05	3.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.88E-06	8.93E-08	4.42E-09	0.00E+00
247	1430	215	18540299	Cr(VI)	3.56E-05	3.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-06	8.48E-08	4.20E-09	0.00E+00
248	1142	615	18540299	Cr(VI)	7.76E-06	8.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-07	1.85E-08	9.15E-10	0.00E+00
249	-333	-788	18540299	Cr(VI)	-2.78E-06	-2.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-07	-6.62E-09	-3.28E-10	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.78E-07	4.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-08	9.00E-10	4.46E-11	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.48E-05	1.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-06	3.53E-08	1.75E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.38E-06	3.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-07	8.05E-09	3.99E-10	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.43E-06	1.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	3.41E-09	1.69E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.23E-06	2.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.31E-07	5.31E-09	2.63E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.76E-06	1.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-07	4.19E-09	2.08E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.50E-06	4.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-07	1.07E-08	5.31E-10	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.08E-07	8.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.37E-08	1.92E-09	9.53E-11	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.56E-06	4.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.72E-07	1.09E-08	5.38E-10	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.20E-06	4.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-07	1.00E-08	4.95E-10	0.00E+00
260	1577	291	18540299	Cr(VI)	7.47E-06	7.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-07	1.78E-08	8.81E-10	0.00E+00
261	2400	240	18540299	Cr(VI)	1.77E-06	1.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	4.22E-09	2.09E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.17E-07	8.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.46E-08	1.95E-09	9.64E-11	0.00E+00
263	900	935	18540299	Cr(VI)	7.04E-06	7.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.29E-07	1.68E-08	8.30E-10	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.50E-06	1.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-07	3.57E-09	1.77E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-1.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-11	-9.19E-11	-6.83E-12	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-7.02E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-11	-5.06E-11	-3.76E-12	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	6.07E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-12	4.37E-11	3.25E-12	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	6.52E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-12	4.70E-11	3.49E-12	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	4.73E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-12	3.41E-11	2.53E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	8.99E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	6.48E-11	4.81E-12	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	1.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-11	1.42E-10	1.06E-11	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	1.17E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-11	8.46E-11	6.29E-12	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	3.65E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.53E-11	2.63E-10	1.95E-11	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	2.57E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-11	1.85E-10	1.37E-11	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	2.05E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-11	1.48E-10	1.10E-11	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	2.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-11	1.56E-10	1.16E-11	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	3.92E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-11	2.82E-10	2.10E-11	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	7.58E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-10	5.47E-10	4.06E-11	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	5.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-11	4.21E-10	3.13E-11	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	5.54E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.42E-11	4.00E-10	2.97E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	6.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.21E-11	4.37E-10	3.25E-11	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	6.35E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.63E-11	4.58E-10	3.40E-11	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-10	1.14E-09	8.48E-11	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	1.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-10	7.65E-10	5.69E-11	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	1.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-10	1.00E-09	7.43E-11	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	1.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	1.17E-09	8.69E-11	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	3.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-10	2.21E-09	1.64E-10	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	1.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-10	1.19E-09	8.81E-11	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	1.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.39E-10	1.13E-09	8.42E-11	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	1.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-10	1.19E-09	8.87E-11	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	1.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-10	1.32E-09	9.78E-11	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-1.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-10	-1.39E-09	-1.03E-10	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-1.79E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.71E-11	-1.29E-10	-9.57E-12	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-1.52E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-10	-1.09E-09	-8.12E-11	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-9.16E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-11	-6.60E-11	-4.90E-12	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-5.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-11	-4.21E-10	-3.13E-11	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	2.85E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-12	2.06E-11	1.53E-12	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	1.47E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.23E-11	1.06E-10	7.88E-12	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	2.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.36E-11	1.60E-10	1.19E-11	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	1.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-10	8.42E-10	6.26E-11	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	1.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	1.17E-09	8.69E-11	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	1.54E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-10	1.11E-09	8.27E-11	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-1.50E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.28E-13	-1.08E-12	-8.03E-14	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-1.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-10	-8.54E-10	-6.35E-11	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	1.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-12	9.48E-12	7.04E-13	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	9.94E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-12	7.17E-12	5.32E-13	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	1.25E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-12	9.03E-12	6.71E-13	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	2.11E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.20E-12	1.52E-11	1.13E-12	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	2.30E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-12	1.66E-11	1.23E-12	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	3.05E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-12	2.20E-11	1.63E-12	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	3.76E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-12	2.71E-11	2.02E-12	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	4.33E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-12	3.12E-11	2.32E-12	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	3.59E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-12	2.59E-11	1.92E-12	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	1.48E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-12	1.07E-11	7.94E-13	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	1.72E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-12	1.24E-11	9.23E-13	1.28E-12

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	2.05E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-12	1.48E-11	1.10E-12	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	1.43E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-11	1.03E-10	7.67E-12	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	2.19E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.33E-12	1.58E-11	1.17E-12	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	4.74E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.19E-12	3.41E-11	2.54E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	1.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-10	7.73E-10	5.75E-11	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	7.02E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	5.06E-10	3.76E-11	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	1.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-11	1.33E-10	9.87E-12	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-7.58E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-10	-5.47E-10	-4.06E-11	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-9.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-10	-6.72E-10	-4.99E-11	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	1.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-10	1.29E-09	9.60E-11	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	7.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	5.55E-10	4.12E-11	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	1.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-11	1.28E-10	9.54E-12	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	1.93E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-11	1.39E-10	1.03E-11	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	5.08E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.72E-12	3.66E-11	2.72E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	8.99E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-11	6.48E-11	4.81E-12	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	8.65E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-11	6.24E-11	4.63E-12	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	8.88E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-10	6.40E-10	4.75E-11	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	2.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-10	1.74E-09	1.29E-10	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	2.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.68E-10	1.75E-09	1.30E-10	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	2.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-10	1.53E-09	1.14E-10	1.57E-10
336	1142	615	7439921	Lead	0.00000984	5.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.39E-11	3.98E-10	2.96E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	3.46E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-12	2.49E-11	1.85E-12	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	2.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-11	1.56E-10	1.16E-11	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	1.01E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-10	7.25E-10	5.38E-11	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	2.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.33E-11	2.06E-10	1.53E-11	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	1.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.07E-11	9.84E-11	7.31E-12	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	2.02E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-11	1.45E-10	1.08E-11	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	1.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.47E-11	1.17E-10	8.72E-12	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	3.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.45E-11	2.59E-10	1.92E-11	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	7.30E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-11	5.26E-11	3.91E-12	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	3.74E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.67E-11	2.69E-10	2.00E-11	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	3.20E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.85E-11	2.30E-10	1.71E-11	2.36E-11
348	1577	291	7439921	Lead	0.00000896	5.03E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.64E-11	3.63E-10	2.70E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	1.35E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-11	9.72E-11	7.22E-12	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	7.13E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-11	5.14E-11	3.82E-12	5.28E-12
351	900	935	7439921	Lead	0.0000104	5.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.87E-11	4.21E-10	3.13E-11	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	1.40E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-11	1.01E-10	7.52E-12	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000601	-1.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000402	-7.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.43E-09	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	-0.00000494	-9.13E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.13E-10	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.00000599	-1.11E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.11E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.00000511	-9.44E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.44E-10	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.0000116	-2.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000191	-3.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.53E-09	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000337	-6.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.23E-09	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000087	1.61E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000101	1.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000129	2.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.38E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.000019	3.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000386	7.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.13E-09	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000133	2.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000942	1.74E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000891	1.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000102	1.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00011	2.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000337	6.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.23E-08	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000181	3.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000221	4.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-08	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000192	3.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-08	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000603	1.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000256	4.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000237	4.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-08	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000277	5.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-08	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.00037	6.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-08	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000595	-1.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.000131	-2.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000458	-8.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.46E-08	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000748	-1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0002	-3.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-08	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000151	-2.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-09	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000272	-5.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.02E-09	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.000022	-4.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.06E-09	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000255	4.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.71E-08	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.56E-04	6.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000183	3.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.38E-08	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000879	-1.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.62E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000345	-6.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.37E-08	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000086	1.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000662	1.22E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000577	1.07E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000103	1.90E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000072	1.33E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	2.76E-09	5.10E-13	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.10E-13	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	4.48E-09	8.28E-13	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.28E-13	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.000000342	6.32E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.32E-11	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	-0.00000199	-3.68E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-10	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000789	1.46E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000105	1.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	-0.000000622	-1.15E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.15E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000256	-4.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-09	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	-7.77E-08	-1.44E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-11	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000006	1.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.11E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000161	2.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000149	2.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000134	2.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000231	-4.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-08	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000289	-5.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.34E-08	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.00038	7.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.02E-08	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000142	2.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000238	4.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-09	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000252	4.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-09	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000723	1.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000587	1.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000131	2.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000135	2.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000514	9.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.50E-08	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000498	9.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.20E-08	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000481	8.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-08	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000101	1.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.000044	-8.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.13E-09	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.000000371	6.85E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.85E-11	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000198	3.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000432	7.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.98E-09	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000177	3.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.000028	5.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-09	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.000022	4.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.06E-09	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000581	1.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000991	1.83E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000582	1.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000544	1.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000986	1.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000226	4.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.17E-09	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000103	1.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000818	1.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000181	3.34E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-09	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	-0.021	-4.69E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.69E-06	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	-0.0159	-3.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.55E-06	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	-0.0105	-2.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.34E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	-0.0111	-2.48E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	-0.00937	-2.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.018	-4.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.02E-06	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0283	-6.32E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.32E-06	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0512	-1.14E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0019	4.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00415	-9.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-07	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0125	-2.79E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.79E-06	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-3.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-06	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0775	-1.73E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.043	-9.60E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.60E-06	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0317	-7.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.08E-06	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0185	-4.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-06	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.0103	-2.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00594	-1.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0132	2.95E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-06	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0000631	1.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00862	-1.92E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00776	-1.73E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.73E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0221	-4.93E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-06	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0133	-2.97E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.97E-06	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00687	-1.53E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0225	5.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.02E-06	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0854	1.91E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.91E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0632	-1.41E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.41E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.108	-2.41E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.41E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.104	-2.32E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.05	-1.12E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.0563	-1.26E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	-0.0171	-3.82E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-06	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0411	-9.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.18E-06	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0397	-8.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.87E-06	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.0011	-2.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0123	2.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00728	-1.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.63E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.055	1.23E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.082	-1.83E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000806	-1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.80E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000584	-1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000912	-2.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.04E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00166	-3.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-07	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00219	-4.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-07	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.00382	-8.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.53E-07	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00446	-9.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.96E-07	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.0039	-8.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.71E-07	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	-0.00555	-1.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.00106	-2.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0012	-2.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00273	-6.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.10E-07	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0387	-8.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-06	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.00274	-6.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.12E-07	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00454	-1.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000221	4.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0174	-3.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.89E-06	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.0207	-4.62E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-06	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0588	-1.31E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0871	-1.94E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0106	-2.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.37E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00829	-1.85E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.0026	-5.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.81E-07	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00306	-6.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.83E-07	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000945	-2.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00622	-1.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.39E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00163	-3.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-07	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00433	-9.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.67E-07	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0147	-3.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-06	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0179	-4.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.00E-06	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-3.17E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-06	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00231	-5.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.16E-07	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.024	-5.36E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-06	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.00112	-2.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.50E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00613	-1.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00455	-1.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00288	-6.43E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.43E-07	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00358	-7.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.99E-07	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00275	-6.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.14E-07	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00359	-8.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.02E-07	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00159	-3.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.55E-07	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00376	-8.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.40E-07	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00422	-9.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.42E-07	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00398	-8.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.89E-07	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00193	-4.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.31E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000652	-1.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00849	-1.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00265	-5.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.92E-07	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00108	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00104	1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00143	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00161	1.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00148	1.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00484	5.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.90E-07	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00636	7.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.75E-07	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00414	5.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.04E-07	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.0057	6.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.94E-07	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00375	4.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.57E-07	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00229	2.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00178	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000379	-4.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.62E-09	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000639	7.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	1.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00121	1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0015	1.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00336	4.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00563	6.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.86E-07	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00967	1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	2.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.51E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.0068	8.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.28E-07	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00698	8.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.50E-07	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00683	8.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.32E-07	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00641	7.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-07	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00643	7.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.83E-07	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00355	4.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.0026	3.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000762	9.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.28E-08	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000462	5.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.63E-08	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00164	2.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00135	1.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00452	5.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-07	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.0052	6.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.33E-07	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000384	4.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-08	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00153	1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0162	1.97E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.0053	6.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.46E-07	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000495	6.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.03E-08	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000124	1.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000774	9.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.43E-09	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000114	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000243	2.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000269	3.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000382	4.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.00055	6.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000661	8.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.05E-08	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000786	9.57E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.57E-08	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000167	2.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000197	2.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00045	5.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-08	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00441	5.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.37E-07	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000406	4.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.95E-08	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000855	1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	9.72E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-07	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.00081	9.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000118	1.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00105	1.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00172	2.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.0038	4.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.63E-07	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.0029	3.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-07	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	3.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.50E-08	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000427	5.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-08	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00692	8.43E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-07	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00156	1.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00389	4.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.74E-07	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000653	-7.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.95E-08	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00392	4.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	5.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-07	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00374	4.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.56E-07	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	2.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	1.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	2.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	1.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	2.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	5.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-08	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	2.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00139	1.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00107	1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000488	5.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	5.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.09E-08	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000834	1.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00162	3.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-09	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00186	3.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-09	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0033	6.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-09	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00377	7.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.65E-09	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00347	7.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-09	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0118	2.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0154	3.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00947	1.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	2.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00895	1.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00518	1.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00378	7.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.67E-09	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00129	2.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00257	-5.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.22E-09	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000877	-1.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00138	2.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-09	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00181	3.67E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-09	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00264	5.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.36E-09	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00662	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0221	4.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0497	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0106	2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0121	2.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0111	2.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00973	1.98E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0112	2.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.47E-03	7.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.04E-09	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	5.59E-04	1.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.99E-03	-1.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.01E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.65E-03	-5.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.38E-09	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.60E-03	3.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.89E-03	5.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.87E-09	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.06E-02	2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	2.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00194	-3.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-09	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.66E-03	3.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-09	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.86E-02	7.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-08	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.44E-03	1.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00441	-8.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-09	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.70E-04	5.48E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-10	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000165	3.35E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.35E-10	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000243	4.93E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.93E-10	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000539	1.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000586	1.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000794	1.61E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00122	2.48E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.48E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00153	3.11E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.11E-09	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.0018	3.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-09	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000374	7.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.59E-10	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000443	8.99E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.99E-10	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.04E-03	2.11E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0103	2.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.20E-04	1.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	3.96E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.96E-09	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	3.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000789	1.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.60E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.0017	-3.45E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-09	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.00119	-2.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.42E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000654	-1.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00729	1.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00586	1.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	7.21E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.21E-09	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	7.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-09	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000649	1.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.0024	4.87E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-09	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000948	1.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	3.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-08	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.00037	7.51E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-10	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00576	1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00503	-1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00172	3.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-09	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00814	1.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	2.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00832	1.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00473	9.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.60E-09	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	5.74E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.74E-09	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	8.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.20E-09	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	6.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-09	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00562	1.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	2.13E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.13E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00576	1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00311	6.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.31E-09	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00193	3.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-09	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	2.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000956	1.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00188	3.82E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.82E-09	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	3.86E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-09	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0133	-2.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00884	-1.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00257	-5.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.22E-08	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00243	-4.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-08	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00206	-4.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.18E-08	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	-0.00104	-2.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.11E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00226	-4.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.59E-08	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00891	-1.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00142	-2.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-08	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00318	-6.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.46E-08	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00554	-1.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00755	-1.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0175	-3.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.55E-07	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0317	-6.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.44E-07	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0212	-4.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.30E-07	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0155	-3.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-07	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0148	-3.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-07	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0132	-2.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0207	-4.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.20E-07	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0149	-3.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-07	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0215	-4.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.36E-07	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00942	-1.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.91E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0777	-1.58E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0645	-1.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0727	-1.48E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0769	-1.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0581	-1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.067	-1.36E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0743	-1.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0877	-1.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0483	-9.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.80E-07	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0309	-6.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.27E-07	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00529	-1.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-6.82E-03	-1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.76E-03	-1.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.68E-02	-7.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.47E-07	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.67E-02	-5.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-07	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.59E-02	-3.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.23E-07	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.85E-02	-1.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-1.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.38E-04	-8.89E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.89E-09	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.16E-04	-6.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.41E-09	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.79E-04	-9.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.72E-09	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-7.31E-04	-1.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-9.50E-04	-1.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.82E-03	-3.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.69E-08	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.59E-03	-3.23E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.23E-08	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-1.20E-03	-2.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-1.61E-03	-3.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.27E-08	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.57E-04	-9.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.28E-09	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-5.04E-04	-1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-8.77E-04	-1.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.78E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-6.41E-03	-1.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-9.69E-04	-1.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.97E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.92E-03	-3.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.90E-08	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.95E-02	-3.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.96E-07	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.53E-02	-3.11E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.11E-07	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.55E-02	-5.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.18E-07	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.82E-02	-9.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.78E-07	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.25E-02	-1.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.60E-02	-5.28E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-07	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.62E-02	-3.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.29E-07	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.48E-03	-3.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-08	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.73E-03	-3.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.51E-08	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-7.05E-04	-1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.43E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.14E-03	-6.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.37E-08	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.27E-03	-2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.20E-02	-2.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.44E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.43E-02	-8.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.99E-07	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.85E-02	-9.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.85E-07	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.38E-02	-8.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.89E-07	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.05E-02	-2.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-3.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.82E-07	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.40E-02	-2.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.84E-07	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.10E-02	-2.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.41E-03	-8.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-08	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-2.02E-03	-4.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.10E-08	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.72E-03	-5.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.52E-08	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.87E-03	-3.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.80E-08	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.40E-03	-6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.90E-08	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.02E-03	-2.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.07E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.11E-03	-6.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.31E-08	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.99E-03	-8.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.10E-08	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.95E-03	-1.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.82E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.16E-03	-4.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.38E-08	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.82E-04	-1.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.79E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.41E-03	-1.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.92E-03	-3.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.90E-08	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-4.20E-03	-7.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.42E-09	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.85E-03	-5.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.03E-09	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-1.05E-03	-1.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-1.05E-03	-1.85E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-9.06E-04	-1.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.60E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.26E-03	-2.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.92E-03	-3.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-09	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.48E-03	-6.15E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.15E-09	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.54E-03	-2.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.72E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.69E-03	-2.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.98E-09	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.11E-03	-3.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-09	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.61E-03	-4.61E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.61E-09	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00545	-9.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.63E-09	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.0095	-1.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00647	-1.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00485	-8.57E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.57E-09	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00467	-8.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-09	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00425	-7.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.51E-09	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00688	-1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00557	-9.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.84E-09	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00833	-1.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00685	-1.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0246	-4.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.34E-08	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0207	-3.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.66E-08	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0231	-4.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.08E-08	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0243	-4.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.29E-08	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0187	-3.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.30E-08	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-3.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-08	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0228	-4.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.03E-08	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0264	-4.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.66E-08	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0146	-2.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.58E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00959	-1.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00185	-3.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.27E-09	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00293	-5.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.17E-09	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00304	-5.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.37E-09	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0111	-1.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.96E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00832	-1.47E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00795	-1.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0186	-3.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-08	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-3.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-08	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000156	-2.76E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.76E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.00011	-1.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.94E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000166	-2.93E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.93E-10	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000267	-4.72E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-10	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000338	-5.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.97E-10	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.00062	-1.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000584	-1.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000489	-8.64E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.64E-10	0.00E+00	0.00E+00	0.00E+00

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000636	-1.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.00017	-3.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.00E-10	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000189	-3.34E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.34E-10	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000351	-6.20E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.20E-10	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.78E-03	-4.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.91E-09	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.70E-04	-6.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-10	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.44E-04	-1.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.40E-03	-1.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00476	-8.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.41E-09	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00766	-1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0147	-2.60E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0191	-3.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.37E-08	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00853	-1.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.41E-03	-9.55E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.55E-09	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.37E-04	-1.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.30E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000817	-1.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000268	-4.73E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.73E-10	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00115	-2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.03E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000465	-8.21E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.21E-10	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00497	-8.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.78E-09	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0136	-2.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.40E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0153	-2.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.013	-2.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.30E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00337	-5.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.95E-09	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00642	-1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00514	-9.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.08E-09	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00402	-7.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.10E-09	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00173	-3.06E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.06E-09	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000843	-1.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00116	-2.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.05E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000844	-1.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.49E-03	-2.63E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.63E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.97E-04	-7.01E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.01E-10	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00141	-2.49E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.49E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00147	-2.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.60E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00289	-5.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.10E-09	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.44E-04	-1.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.46E-04	-6.11E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.11E-10	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.42E-03	-4.27E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-09	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.00074	-1.31E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00641	2.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00656	2.80E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-08	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.01	4.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0114	4.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0104	4.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-08	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0347	1.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0455	1.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0289	1.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0409	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	1.13E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0159	6.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.78E-08	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	5.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.12E-08	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00599	2.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00355	-1.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00241	1.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.006	2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00717	3.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00941	4.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.01E-08	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.20E-02	9.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.38E-08	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.039	1.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0673	2.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	6.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-07	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.09E-02	1.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0436	1.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.17E-02	1.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.82E-02	1.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0402	1.71E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.71E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0186	7.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.011	4.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-08	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00358	-1.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.00167	-7.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.12E-09	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00859	3.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00913	3.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0318	1.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0367	1.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.00104	-4.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.43E-09	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00823	3.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.51E-08	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	4.90E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-07	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0321	1.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00388	-1.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000845	3.60E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.60E-09	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000525	2.24E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000772	3.29E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.29E-09	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.67E-03	7.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.12E-09	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00184	7.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.84E-09	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00256	1.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00379	1.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00463	1.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00549	2.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.15E-03	4.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-09	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00136	5.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.80E-09	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00315	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0311	1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00282	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00595	2.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	2.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00424	1.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.00178	-7.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.59E-09	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00258	1.0999E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0999E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00595	2.5365E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5365E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0246	1.0487E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0487E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0192	8.185E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.185E-08	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	4.5188E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5188E-08	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	4.604E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.604E-08	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	8.4834E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.4834E-09	0	0	0

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00744	3.1717E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1717E-08	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00294	1.2533E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2533E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	2.0718E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0718E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00667	2.8434E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8434E-08	0	0	0
950	1650	-890	50000	Formaldehyde	0.023	9.8049E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8049E-08	0	0	0
951	1430	215	50000	Formaldehyde	-0.00922	-3.9305E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9305E-08	0	0	0
952	1142	615	50000	Formaldehyde	0.00638	2.7198E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7198E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	1.1169E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1169E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	1.394E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.394E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0258	1.0999E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0999E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	6.1387E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.1387E-08	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00854	3.6406E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6406E-08	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	5.2009E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2009E-08	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	4.3483E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3483E-08	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	7.2045E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2045E-08	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	1.3684E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3684E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	7.375E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.375E-08	0	0	0
963	2404	-475	50000	Formaldehyde	0.00961	4.0967E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.0967E-08	0	0	0
964	1577	291	50000	Formaldehyde	0.00679	2.8946E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.8946E-08	0	0	0
965	2400	240	50000	Formaldehyde	0.00328	1.3983E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3983E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00291	1.2405E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2405E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00644	2.7454E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.7454E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	2.4725E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4725E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000799	-1.9464E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.9464E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000454	-1.1059E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1059E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.00014	3.4104E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4104E-09	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000195	4.7502E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7502E-09	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000193	4.7015E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7015E-09	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00109	2.6552E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6552E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00135	3.2886E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2886E-08	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.00029	7.0644E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0644E-09	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00126	3.0694E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0694E-08	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000651	1.5858E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5858E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000111	2.704E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.704E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000172	-4.1899E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.1899E-09	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00113	-2.7527E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7527E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00253	-6.1631E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.1631E-08	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00153	-3.7271E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.7271E-08	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000979	-2.3848E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3848E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000886	-2.1583E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.1583E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00069	-1.6808E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6808E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000843	-2.0535E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.0535E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000173	4.2143E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.2143E-09	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000624	1.5201E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5201E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00421	1.0256E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0256E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00455	-1.1084E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1084E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00345	-8.4042E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.4042E-08	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00414	-1.0085E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0085E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00458	-1.1157E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1157E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00308	-7.5029E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.5029E-08	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00448	-1.0913E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0913E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00529	-1.2886E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2886E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.0068	-1.6565E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.6565E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00374	-9.1106E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.1106E-08	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00207	-5.0425E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.0425E-08	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.000097	-2.3629E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.3629E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000548	1.3349E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3349E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000715	1.7417E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7417E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00284	-6.9182E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.9182E-08	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00176	-4.2874E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.2874E-08	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00265	6.4554E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4554E-08	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00338	-8.2337E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.2337E-08	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-1.3666E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3666E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000505	-1.2302E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2302E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000647	-1.5761E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5761E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.0000106	-2.5822E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5822E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000368	8.9645E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.9645E-12	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.0000108	-2.6309E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6309E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.000053	-1.2911E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.2911E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000594	1.447E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.447E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000064	1.559E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.559E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000615	1.4981E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4981E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000039	9.5004E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5004E-11	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000732	1.7832E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7832E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000388	9.4517E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.4517E-10	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000555	1.352E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.352E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000207	5.0425E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0425E-10	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000053	1.2911E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2911E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000374	9.1106E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1106E-09	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00103	-2.5091E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5091E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.002	-4.872E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.872E-08	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00359	-8.7452E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.7452E-08	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00456	-1.1108E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1108E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00115	-2.8014E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.8014E-08	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000587	-1.4299E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4299E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000242	5.8951E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.8951E-09	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000232	5.6515E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6515E-09	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000013	3.1668E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.1668E-10	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000101	2.4604E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4604E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000151	3.6784E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6784E-11	0	0	0
1124	1088	-938	91203	Naphthalene	0.000711	1.732E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.732E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00316	-7.6978E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.6978E-08	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00293	-7.1375E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.1375E-08	0	0	0
1127	1430	215	91203	Naphthalene	-0.00364	-8.867E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.867E-08	0	0	0
1128	1142	615	91203	Naphthalene	-0.00059	-1.4372E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4372E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000556	-1.3544E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3544E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.000029	7.0644E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.0644E-10	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000281	6.8452E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.8452E-10	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000148	3.6053E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6053E-09	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000133	3.2399E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2399E-09	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000201	4.8964E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8964E-09	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000201	4.8964E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8964E-09	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000308	7.5029E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.5029E-09	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000297	7.2349E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.2349E-10	0	0	0
1138	2577	-940	91203	Naphthalene	0.000343	8.3555E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.3555E-09	0	0	0
1139	2404	-475	91203	Naphthalene	0.000018	4.3848E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.3848E-10	0	0	0
1140	1577	291	91203	Naphthalene	-0.000454	-1.1059E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.1059E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000546	-1.3301E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3301E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000305	7.4298E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4298E-10	0	0	0
1143	900	935	91203	Naphthalene	-0.000349	-8.5016E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5016E-09	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000479	1.1668E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1668E-09	0	0	0
1145	-1710.89	-383.91	9960	SULFATES	-0.0293	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1146	-1778.03	-291.29	9960	SULFATES	-0.0194	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.00333	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1148	-1579.43	347.93	9960	SULFATES	-0.00376	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1149	-1525.43	516.64	9960	SULFATES	-0.00309	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1150	-1332.88	500.04	9960	SULFATES	-0.00645	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1151	-1140.45	476.3	9960	SULFATES	-0.0103	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1152	-672.12	353.55	9960	SULFATES	-0.0173	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00553	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00465	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1155	49.15	527.2	9960	SULFATES	0.00388	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

Alternative 4 RAST Output 70 Year Resident 30-70 Cancer Risk with Mitigation

*HARP - HRACalc v19044 8/27/2019 3:36:49 PM - Cancer Risk - Input File: C:\Users\GILBRIDEJ\Downloads\RAST-Input_70-Year Resident_30-70_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1156	144.22	648.15	9960	SULFATES	0.00541	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1157	394.15	623.31	9960	SULFATES	0.00251	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1158	501.62	717.12	9960	SULFATES	0.042	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0291	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0294	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0369	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.042	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.14	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0728	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0837	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0716	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.239	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0946	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0856	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1170	338.12	-539.73	9960	SULFATES	0.107	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1171	123.44	-529.45	9960	SULFATES	0.164	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1172	-353.26	-515.05	9960	SULFATES	-0.266	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1173	-537.68	-487.8	9960	SULFATES	-0.0609	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1174	-775.51	-486.07	9960	SULFATES	-0.2	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1175	-1414.44	-481.5	9960	SULFATES	-0.04	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1176	-1515.21	-320.18	9960	SULFATES	-0.0943	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1177	-1749.69	-63.9	9960	SULFATES	-0.00814	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1178	-920.57	426.17	9960	SULFATES	-0.0147	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1179	-420.73	233.87	9960	SULFATES	-0.011	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1180	1090.12	214.1	9960	SULFATES	0.113	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1181	1183.39	65.17	9960	SULFATES	0.149	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1182	1055.3	-577.42	9960	SULFATES	0.0685	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1183	-103.02	-518.78	9960	SULFATES	-0.0345	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1184	-1076.39	-488.67	9960	SULFATES	-0.145	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1185	-4113.79	-1330.97	9960	SULFATES	0.000317	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1186	-5050.04	-958.41	9960	SULFATES	0.000226	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1187	-4023.97	-112.26	9960	SULFATES	0.00018	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1188	-2122.34	995.23	9960	SULFATES	0.000209	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1189	-2734.69	227.4	9960	SULFATES	0.000132	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1190	-2371.11	-69.21	9960	SULFATES	-0.0003	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	-0.000398	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1192	-1919.02	445.07	9960	SULFATES	-0.000327	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1193	-1651.12	607.72	9960	SULFATES	-0.00144	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1194	-3361.39	677.09	9960	SULFATES	0.000237	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1195	-3026.51	724.93	9960	SULFATES	0.000315	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1196	-1679.82	1478.41	9960	SULFATES	-0.000535	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1197	-922.86	446.42	9960	SULFATES	-0.0138	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1198	-1799.42	1088.51	9960	SULFATES	-0.000343	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1199	-359.36	1846.44	9960	SULFATES	-0.000224	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1200	671.3	-742.78	9960	SULFATES	0.0673	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1201	-1565.55	-932.22	9960	SULFATES	0.0598	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1202	-1733.02	-528.24	9960	SULFATES	-0.00121	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1203	-1261.46	-507.67	9960	SULFATES	-0.0979	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1204	-883.92	-503.26	9960	SULFATES	-0.121	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1205	1599.35	-1104.97	9960	SULFATES	0.156	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1206	1608.16	-1382.63	9960	SULFATES	0.0572	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1207	3517.15	-1425.27	9960	SULFATES	0.00944	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1208	2959.77	-846.37	9960	SULFATES	0.0097	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1209	3479.67	224.81	9960	SULFATES	0.00256	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1210	44.43	1469.76	9960	SULFATES	0.00145	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1211	3044.83	-34	9960	SULFATES	0.00474	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1212	1088	-938	9960	SULFATES	0.0553	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1213	1647	-390	9960	SULFATES	0.201	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1214	1650	-890	9960	SULFATES	0.193	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1215	1430	215	9960	SULFATES	0.191	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1216	1142	615	9960	SULFATES	0.0379	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1217	-333	-788	9960	SULFATES	-0.0171	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1218	-42	-825	9960	SULFATES	0.00361	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1219	1900	-1175	9960	SULFATES	0.0811	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1220	1815	-1910	9960	SULFATES	0.0176	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1221	2575	-2650	9960	SULFATES	0.00716	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1222	2665	-2025	9960	SULFATES	0.0115	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1223	3480	-2025	9960	SULFATES	0.00895	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1224	2667	-1400	9960	SULFATES	0.0236	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1225	3400	-250	9960	SULFATES	0.00353	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1226	2577	-940	9960	SULFATES	0.0232	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1227	2404	-475	9960	SULFATES	0.0213	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1228	1577	291	9960	SULFATES	0.0386	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1229	2400	240	9960	SULFATES	0.00821	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1230	2600	1290	9960	SULFATES	0.00407	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1231	900	935	9960	SULFATES	0.0147	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1232	1375	1395	9960	SULFATES	0.00618	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1	-1710.89	-383.91	7440382	Arsenic	-4.35E-07	-2.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.81E-09	-2.06E-08	-1.50E-09	0.00E+00
2	-1778.03	-291.29	7440382	Arsenic	-2.94E-07	-1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.57E-09	-1.39E-08	-1.01E-09	0.00E+00
3	-1732.28	175.05	7440382	Arsenic	-1.96E-08	-1.17E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.72E-10	-9.27E-10	-6.74E-11	0.00E+00
4	-1579.43	347.93	7440382	Arsenic	-2.86E-08	-1.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.50E-10	-1.35E-09	-9.84E-11	0.00E+00
5	-1525.43	516.64	7440382	Arsenic	-2.65E-08	-1.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-10	-1.25E-09	-9.12E-11	0.00E+00
6	-1332.88	500.04	7440382	Arsenic	-7.02E-08	-4.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.15E-10	-3.32E-09	-2.42E-10	0.00E+00
7	-1140.45	476.3	7440382	Arsenic	-1.21E-07	-7.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.06E-09	-5.72E-09	-4.16E-10	0.00E+00
8	-672.12	353.55	7440382	Arsenic	-2.28E-07	-1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.00E-09	-1.08E-08	-7.85E-10	0.00E+00
9	-169.37	170.38	7440382	Arsenic	4.03E-08	2.40E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.53E-10	1.91E-09	1.39E-10	0.00E+00
10	-75.04	299.11	7440382	Arsenic	7.81E-08	4.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-10	3.69E-09	2.69E-10	0.00E+00
11	49.15	527.2	7440382	Arsenic	1.36E-07	8.09E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-09	6.43E-09	4.68E-10	0.00E+00
12	144.22	648.15	7440382	Arsenic	2.05E-07	1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-09	9.69E-09	7.05E-10	0.00E+00
13	394.15	623.31	7440382	Arsenic	5.66E-07	3.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.96E-09	2.68E-08	1.95E-09	0.00E+00
14	501.62	717.12	7440382	Arsenic	1.36E-06	8.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.19E-08	6.43E-08	4.68E-09	0.00E+00
15	618.47	665.12	7440382	Arsenic	9.78E-07	5.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-09	4.62E-08	3.37E-09	0.00E+00
16	755.45	579.13	7440382	Arsenic	8.91E-07	5.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.80E-09	4.21E-08	3.07E-09	0.00E+00
17	867.79	485.41	7440382	Arsenic	9.67E-07	5.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.47E-09	4.57E-08	3.33E-09	0.00E+00
18	955.03	377.6	7440382	Arsenic	9.94E-07	5.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	4.70E-08	3.42E-09	0.00E+00
19	1331.68	-165.58	7440382	Arsenic	2.86E-06	1.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-08	1.35E-07	9.84E-09	0.00E+00
20	1406.74	-290.13	7440382	Arsenic	1.59E-06	9.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	7.52E-08	5.47E-09	0.00E+00
21	1456.2	-436.06	7440382	Arsenic	2.02E-06	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-08	9.55E-08	6.95E-09	0.00E+00
22	1209.21	-528.32	7440382	Arsenic	1.77E-06	1.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-08	8.37E-08	6.09E-09	0.00E+00
23	913.01	-694.67	7440382	Arsenic	5.32E-06	3.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.66E-08	2.52E-07	1.83E-08	0.00E+00
24	717.24	-664.22	7440382	Arsenic	2.38E-06	1.42E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	1.13E-07	8.19E-09	0.00E+00
25	544.23	-594.35	7440382	Arsenic	2.24E-06	1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-08	1.06E-07	7.71E-09	0.00E+00
26	338.12	-539.73	7440382	Arsenic	2.49E-06	1.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-08	1.18E-07	8.57E-09	0.00E+00
27	123.44	-529.45	7440382	Arsenic	2.96E-06	1.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	1.40E-07	1.02E-08	0.00E+00
28	-353.26	-515.05	7440382	Arsenic	-4.72E-06	-2.81E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-08	-2.23E-07	-1.62E-08	0.00E+00
29	-537.68	-487.8	7440382	Arsenic	-9.94E-07	-5.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-09	-4.70E-08	-3.42E-09	0.00E+00
30	-775.51	-486.07	7440382	Arsenic	-3.72E-06	-2.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-08	-1.76E-07	-1.28E-08	0.00E+00
31	-1414.44	-481.5	7440382	Arsenic	-4.79E-07	-2.85E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.19E-09	-2.26E-08	-1.65E-09	0.00E+00
32	-1515.21	-320.18	7440382	Arsenic	-1.50E-06	-8.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-08	-7.09E-08	-5.16E-09	0.00E+00
33	-1749.69	-63.9	7440382	Arsenic	-9.50E-08	-5.65E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.32E-10	-4.49E-09	-3.27E-10	0.00E+00
34	-920.57	426.17	7440382	Arsenic	-1.72E-07	-1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-09	-8.13E-09	-5.92E-10	0.00E+00
35	-420.73	233.87	7440382	Arsenic	-1.54E-07	-9.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.35E-09	-7.28E-09	-5.30E-10	0.00E+00
36	1090.12	214.1	7440382	Arsenic	2.05E-06	1.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.79E-08	9.69E-08	7.05E-09	0.00E+00
37	1183.39	65.17	7440382	Arsenic	3.00E-06	1.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.63E-08	1.42E-07	1.03E-08	0.00E+00
38	1055.3	-577.42	7440382	Arsenic	1.69E-06	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.48E-08	7.99E-08	5.82E-09	0.00E+00
39	-103.02	-518.78	7440382	Arsenic	-7.82E-07	-4.65E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.85E-09	-3.70E-08	-2.69E-09	0.00E+00
40	-1076.39	-488.67	7440382	Arsenic	-2.91E-06	-1.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-08	-1.38E-07	-1.00E-08	0.00E+00
41	-4113.79	-1330.97	7440382	Arsenic	8.01E-09	4.76E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.01E-11	3.79E-10	2.76E-11	0.00E+00
42	-5050.04	-958.41	7440382	Arsenic	6.49E-09	3.86E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.68E-11	3.07E-10	2.23E-11	0.00E+00
43	-4023.97	-112.26	7440382	Arsenic	5.94E-09	3.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.20E-11	2.81E-10	2.04E-11	0.00E+00
44	-2122.34	995.23	7440382	Arsenic	1.26E-08	7.49E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	5.96E-10	4.34E-11	0.00E+00
45	-2734.69	227.4	7440382	Arsenic	9.04E-09	5.38E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.91E-11	4.27E-10	3.11E-11	0.00E+00
46	-2371.11	-69.21	7440382	Arsenic	5.31E-09	3.16E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.65E-11	2.51E-10	1.83E-11	0.00E+00
47	-2146.26	177.17	7440382	Arsenic	7.05E-09	4.19E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.17E-11	3.33E-10	2.43E-11	0.00E+00
48	-1919.02	445.07	7440382	Arsenic	1.11E-08	6.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-11	5.25E-10	3.82E-11	0.00E+00
49	-1651.12	607.72	7440382	Arsenic	-6.22E-09	-3.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.45E-11	-2.94E-10	-2.14E-11	0.00E+00
50	-3361.39	677.09	7440382	Arsenic	8.31E-09	4.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.28E-11	3.93E-10	2.86E-11	0.00E+00
51	-3026.51	724.93	7440382	Arsenic	1.11E-08	6.60E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.72E-11	5.25E-10	3.82E-11	0.00E+00
52	-1679.82	1478.41	7440382	Arsenic	-4.26E-10	-2.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.73E-12	-2.01E-11	-1.47E-12	0.00E+00
53	-922.86	446.42	7440382	Arsenic	-1.62E-07	-9.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-09	-7.66E-09	-5.57E-10	0.00E+00
54	-1799.42	1088.51	7440382	Arsenic	4.79E-09	2.85E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.19E-11	2.26E-10	1.65E-11	0.00E+00
55	-359.36	1846.44	7440382	Arsenic	1.34E-08	7.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-10	6.34E-10	4.61E-11	0.00E+00
56	671.3	-742.78	7440382	Arsenic	1.37E-06	8.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	6.48E-08	4.71E-09	0.00E+00
57	-1565.55	-932.22	7440382	Arsenic	1.31E-06	7.79E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-08	6.19E-08	4.51E-09	0.00E+00
58	-1733.02	-528.24	7440382	Arsenic	2.32E-07	1.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.03E-09	1.10E-08	7.98E-10	0.00E+00
59	-1261.46	-507.67	7440382	Arsenic	-1.93E-06	-1.15E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-08	-9.13E-08	-6.64E-09	0.00E+00
60	-883.92	-503.26	7440382	Arsenic	-2.44E-06	-1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-08	-1.15E-07	-8.40E-09	0.00E+00
61	1599.35	-1104.97	7440382	Arsenic	3.26E-06	1.94E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-08	1.54E-07	1.12E-08	0.00E+00
62	1608.16	-1382.63	7440382	Arsenic	1.24E-06	7.38E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-08	5.86E-08	4.27E-09	0.00E+00
63	3517.15	-1425.27	7440382	Arsenic	2.11E-07	1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.85E-09	9.98E-09	7.26E-10	0.00E+00
64	2959.77	-846.37	7440382	Arsenic	2.28E-07	1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.00E-09	1.08E-08	7.85E-10	0.00E+00
65	3479.67	224.81	7440382	Arsenic	6.93E-08	4.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-10	3.28E-09	2.38E-10	0.00E+00
66	44.43	1469.76	7440382	Arsenic	6.72E-08	4.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.88E-10	3.18E-09	2.31E-10	0.00E+00
67	3044.83	-34	7440382	Arsenic	1.24E-07	7.38E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.09E-09	5.86E-09	4.27E-10	0.00E+00
68	1088	-938	7440382	Arsenic	1.16E-06	6.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-08	5.48E-08	3.99E-09	0.00E+00
69	1647	-390	7440382	Arsenic	4.59E-06	2.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-08	2.17E-07	1.58E-08	0.00E+00
70	1650	-890	7440382	Arsenic	4.47E-06	2.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-08	2.11E-07	1.54E-08	0.00E+00
71	1430	215	7440382	Arsenic	4.24E-06	2.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.71E-08	2.00E-07	1.46E-08	0.00E+00
72	1142	615	7440382	Arsenic	9.29E-07	5.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.13E-09	4.39E-08	3.20E-09	0.00E+00
73	-333	-788	7440382	Arsenic	-3.94E-07	-2.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-09	-1.86E-08	-1.36E-09	0.00E+00
74	-42	-825	7440382	Arsenic	-5.75E-08	-3.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.03E-10	-2.72E-09	-1.98E-10	0.00E+00
75	1900	-1175	7440382	Arsenic	1.70E-06	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.49E-08	8.04E-08	5.85E-09	0.00E+00
76	1815	-1910	7440382	Arsenic	3.73E-07	2.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.27E-09	1.76E-08	1.28E-09	0.00E+00
77	2575	-2650	7440382	Arsenic	1.54E-07	9.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.35E-09	7.28E-09	5.30E-10	0.00E+00
78	2665	-2025	7440382	Arsenic	2.41E-07	1.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-09	1.14E-08	8.29E-10	0.00E+00
79	3480	-2025	7440382	Arsenic	1.90E-07	1.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-09	8.98E-09	6.54E-10	0.00E+00
80	2667	-1400	7440382	Arsenic	5.02E-07	2.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-09	2.37E-08	1.73E-09	0.00E+00
81	3400	-250	7440382	Arsenic	9.45E-08	5.62E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.27E-10	4.47E-09	3.25E-10	0.00E+00
82	2577	-940	7440382	Arsenic	5.13E-07	3.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.49E-09	2.43E-08	1.77E-09	0.00E+00
83	2404	-475	7440382	Arsenic	4.85E-07	2.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.25E-09	2.29E-08	1.67E-09	0.00E+00
84	1577	291	7440382	Arsenic	8.81E-07	5.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.71E-09	4.17E-08	3.03E-09	0.00E+00
85	2400	240	7440382	Arsenic	2.13E-07	1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-09	1.01E-08	7.33E-10	0.00E+00
86	2600	1290	7440382	Arsenic	9.11E-08	5.42E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.98E-10	4.31E-09	3.13E-10	0.00E+00
87	900	935	7440382	Arsenic	1.03E-06	6.13E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.02E-09	4.87E-08	3.54E-09	0.00E+00
88	1375	1395	7440382	Arsenic	1.78E-07	1.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-09	8.42E-09	6.12E-10	0.00E+00
89	-1710.89	-383.91	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	-1778.03	-291.29	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	-1732.28	175.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	-1579.43	347.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	-1525.43	516.64	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	-1332.88	500.04	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	-1140.45	476.3	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	-672.12	353.55	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	-169.37	170.38	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	-75.04	299.11	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	49.15	527.2	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	144.22	648.15	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	394.15	623.31	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	501.62	717.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	618.47	665.12	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	755.45	579.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	867.79	485.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
106	955.03	377.6	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	1331.68	-165.58	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	1406.74	-290.13	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	1456.2	-436.06	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	1209.21	-528.32	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	913.01	-694.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	717.24	-664.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	544.23	-594.35	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	338.12	-539.73	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	123.44	-529.45	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	-353.26	-515.05	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	-537.68	-487.8	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	-775.51	-486.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	-1414.44	-481.5	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	-1515.21	-320.18	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	-1749.69	-63.9	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	-920.57	426.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	-420.73	233.87	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	1090.12	214.1	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	1183.39	65.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	1055.3	-577.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	-103.02	-518.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	-1076.39	-488.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	-4113.79	-1330.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	-5050.04	-958.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	-4023.97	-112.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	-2122.34	995.23	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	-2734.69	227.4	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	-2371.11	-69.21	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	-2146.26	177.17	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	-1919.02	445.07	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	-1651.12	607.72	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	-3361.39	677.09	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	-3026.51	724.93	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	-1679.82	1478.41	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	-922.86	446.42	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	-1799.42	1088.51	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	-359.36	1846.44	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	671.3	-742.78	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	-1565.55	-932.22	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	-1733.02	-528.24	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	-1261.46	-507.67	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	-883.92	-503.26	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	1599.35	-1104.97	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	1608.16	-1382.63	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	3517.15	-1425.27	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	2959.77	-846.37	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	3479.67	224.81	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	44.43	1469.76	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	3044.83	-34	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	1088	-938	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	1647	-390	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	1650	-890	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	1430	215	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	1142	615	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	-333	-788	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	-42	-825	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	1900	-1175	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	1815	-1910	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	2575	-2650	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	2665	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	3480	-2025	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	2667	-1400	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	3400	-250	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	2577	-940	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	2404	-475	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	1577	291	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	2400	240	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	2600	1290	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	900	935	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	1375	1395	7440439	Cadmium	0.00E+00	0.00E+00	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	-1710.89	-383.91	18540299	Cr(VI)	-4.00E-06	-1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.49E-06	-6.30E-08	-1.53E-09	0.00E+00
178	-1778.03	-291.29	18540299	Cr(VI)	-2.65E-06	-1.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.86E-07	-4.18E-08	-1.01E-09	0.00E+00
179	-1732.28	175.05	18540299	Cr(VI)	-1.52E-07	-5.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.66E-08	-2.40E-09	-5.81E-11	0.00E+00
180	-1579.43	347.93	18540299	Cr(VI)	-2.10E-07	-8.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.81E-08	-3.31E-09	-8.03E-11	0.00E+00
181	-1525.43	516.64	18540299	Cr(VI)	-2.00E-07	-7.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.44E-08	-3.15E-09	-7.65E-11	0.00E+00
182	-1332.88	500.04	18540299	Cr(VI)	-5.09E-07	-1.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.89E-07	-8.02E-09	-1.95E-10	0.00E+00
183	-1140.45	476.3	18540299	Cr(VI)	-7.44E-07	-2.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.77E-07	-1.17E-08	-2.84E-10	0.00E+00
184	-672.12	353.55	18540299	Cr(VI)	-1.82E-06	-7.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.77E-07	-2.87E-08	-6.96E-10	0.00E+00
185	-169.37	170.38	18540299	Cr(VI)	1.27E-06	4.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	2.00E-08	4.86E-10	0.00E+00
186	-75.04	299.11	18540299	Cr(VI)	1.18E-06	4.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.39E-07	1.86E-08	4.51E-10	0.00E+00
187	49.15	527.2	18540299	Cr(VI)	1.31E-06	5.09E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-07	2.06E-08	5.01E-10	0.00E+00
188	144.22	648.15	18540299	Cr(VI)	1.75E-06	6.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.51E-07	2.76E-08	6.69E-10	0.00E+00
189	394.15	623.31	18540299	Cr(VI)	3.70E-06	1.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.38E-06	5.83E-08	1.41E-09	0.00E+00
190	501.62	717.12	18540299	Cr(VI)	1.05E-05	4.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-06	1.65E-07	4.01E-09	0.00E+00
191	618.47	665.12	18540299	Cr(VI)	7.58E-06	2.94E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-06	1.19E-07	2.90E-09	0.00E+00
192	755.45	579.13	18540299	Cr(VI)	7.12E-06	2.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.65E-06	1.12E-07	2.72E-09	0.00E+00
193	867.79	485.41	18540299	Cr(VI)	8.00E-06	3.11E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-06	1.26E-07	3.06E-09	0.00E+00
194	955.03	377.6	18540299	Cr(VI)	8.49E-06	3.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.16E-06	1.34E-07	3.25E-09	0.00E+00
195	1331.68	-165.58	18540299	Cr(VI)	2.50E-05	9.71E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.30E-06	3.94E-07	9.56E-09	0.00E+00
196	1406.74	-290.13	18540299	Cr(VI)	1.40E-05	5.44E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.21E-06	2.21E-07	5.35E-09	0.00E+00
197	1456.2	-436.06	18540299	Cr(VI)	1.73E-05	6.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.44E-06	2.73E-07	6.61E-09	0.00E+00
198	1209.21	-528.32	18540299	Cr(VI)	1.60E-05	6.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.95E-06	2.52E-07	6.12E-09	0.00E+00
199	913.01	-694.67	18540299	Cr(VI)	4.55E-05	1.77E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-05	7.17E-07	1.74E-08	0.00E+00
200	717.24	-664.22	18540299	Cr(VI)	2.02E-05	7.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.52E-06	3.18E-07	7.72E-09	0.00E+00
201	544.23	-594.35	18540299	Cr(VI)	1.89E-05	7.34E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.03E-06	2.98E-07	7.23E-09	0.00E+00
202	338.12	-539.73	18540299	Cr(VI)	2.15E-05	8.35E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.00E-06	3.39E-07	8.22E-09	0.00E+00
203	123.44	-529.45	18540299	Cr(VI)	2.73E-05	1.06E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.02E-05	4.30E-07	1.04E-08	0.00E+00
204	-353.26	-515.05	18540299	Cr(VI)	-4.17E-05	-1.62E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-05	-6.57E-07	-1.59E-08	0.00E+00
205	-537.68	-487.8	18540299	Cr(VI)	-8.57E-06	-3.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-06	-1.35E-07	-3.28E-09	0.00E+00
206	-775.51	-486.07	18540299	Cr(VI)	-3.23E-05	-1.25E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-05	-5.09E-07	-1.23E-08	0.00E+00
207	-1414.44	-481.5	18540299	Cr(VI)	-4.73E-06	-1.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-06	-7.45E-08	-1.81E-09	0.00E+00
208	-1515.21	-320.18	18540299	Cr(VI)	-1.38E-05	-5.36E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.13E-06	-2.17E-07	-5.28E-09	0.00E+00
209	-1749.69	-63.9	18540299	Cr(VI)	-8.52E-07	-3.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.17E-07	-1.34E-08	-3.26E-10	0.00E+00
210	-920.57	426.17	18540299	Cr(VI)	-1.34E-06	-5.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-07	-2.11E-08	-5.12E-10	0.00E+00

*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
211	-420.73	233.87	18540299	Cr(VI)	-8.93E-07	-3.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.32E-07	-1.41E-08	-3.41E-10	0.00E+00
212	1090.12	214.1	18540299	Cr(VI)	1.87E-05	7.26E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.96E-06	2.95E-07	7.15E-09	0.00E+00
213	1183.39	65.17	18540299	Cr(VI)	2.62E-05	1.02E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.75E-06	4.13E-07	1.00E-08	0.00E+00
214	1055.3	-577.42	18540299	Cr(VI)	1.52E-05	5.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-06	2.40E-07	5.81E-09	0.00E+00
215	-103.02	-518.78	18540299	Cr(VI)	-5.71E-06	-2.22E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.12E-06	-9.00E-08	-2.18E-09	0.00E+00
216	-1076.39	-488.67	18540299	Cr(VI)	-2.46E-05	-9.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.15E-06	-3.88E-07	-9.41E-09	0.00E+00
217	-4113.79	-1330.97	18540299	Cr(VI)	8.40E-08	3.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.13E-08	1.32E-09	3.21E-11	0.00E+00
218	-5050.04	-958.41	18540299	Cr(VI)	6.49E-08	2.52E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	1.02E-09	2.48E-11	0.00E+00
219	-4023.97	-112.26	18540299	Cr(VI)	6.51E-08	2.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.42E-08	1.03E-09	2.49E-11	0.00E+00
220	-2122.34	995.23	18540299	Cr(VI)	1.17E-07	4.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.35E-08	1.84E-09	4.47E-11	0.00E+00
221	-2734.69	227.4	18540299	Cr(VI)	9.95E-08	3.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.70E-08	1.57E-09	3.80E-11	0.00E+00
222	-2371.11	-69.21	18540299	Cr(VI)	7.31E-08	2.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.72E-08	1.15E-09	2.79E-11	0.00E+00
223	-2146.26	177.17	18540299	Cr(VI)	9.12E-08	3.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	1.44E-09	3.49E-11	0.00E+00
224	-1919.02	445.07	18540299	Cr(VI)	1.27E-07	4.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-08	2.00E-09	4.86E-11	0.00E+00
225	-1651.12	607.72	18540299	Cr(VI)	-3.44E-08	-1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-08	-5.42E-10	-1.32E-11	0.00E+00
226	-3361.39	677.09	18540299	Cr(VI)	8.46E-08	3.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.15E-08	1.33E-09	3.23E-11	0.00E+00
227	-3026.51	724.93	18540299	Cr(VI)	1.07E-07	4.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-08	1.69E-09	4.09E-11	0.00E+00
228	-1679.82	1478.41	18540299	Cr(VI)	1.13E-08	4.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-09	1.78E-10	4.32E-12	0.00E+00
229	-922.86	446.42	18540299	Cr(VI)	-1.25E-06	-4.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.65E-07	-1.97E-08	-4.78E-10	0.00E+00
230	-1799.42	1088.51	18540299	Cr(VI)	5.03E-08	1.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-08	7.93E-10	1.92E-11	0.00E+00
231	-359.36	1846.44	18540299	Cr(VI)	1.52E-07	5.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.66E-08	2.40E-09	5.81E-11	0.00E+00
232	671.3	-742.78	18540299	Cr(VI)	1.26E-05	4.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.69E-06	1.99E-07	4.82E-09	0.00E+00
233	-1565.55	-932.22	18540299	Cr(VI)	1.11E-05	4.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.13E-06	1.75E-07	4.24E-09	0.00E+00
234	-1733.02	-528.24	18540299	Cr(VI)	1.45E-06	5.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.40E-07	2.29E-08	5.54E-10	0.00E+00
235	-1261.46	-507.67	18540299	Cr(VI)	-1.64E-05	-6.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.10E-06	-2.58E-07	-6.27E-09	0.00E+00
236	-883.92	-503.26	18540299	Cr(VI)	-2.05E-05	-7.96E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.63E-06	-3.23E-07	-7.84E-09	0.00E+00
237	1599.35	-1104.97	18540299	Cr(VI)	2.82E-05	1.09E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-05	4.44E-07	1.08E-08	0.00E+00
238	1608.16	-1382.63	18540299	Cr(VI)	1.08E-05	4.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.02E-06	1.70E-07	4.13E-09	0.00E+00
239	3517.15	-1425.27	18540299	Cr(VI)	1.92E-06	7.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.14E-07	3.03E-08	7.34E-10	0.00E+00
240	2959.77	-846.37	18540299	Cr(VI)	2.05E-06	7.96E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.63E-07	3.23E-08	7.84E-10	0.00E+00
241	3479.67	224.81	18540299	Cr(VI)	5.85E-07	2.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.18E-07	9.22E-09	2.24E-10	0.00E+00
242	44.43	1469.76	18540299	Cr(VI)	5.95E-07	2.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.21E-07	9.38E-09	2.27E-10	0.00E+00
243	3044.83	-34	18540299	Cr(VI)	1.05E-06	4.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-07	1.65E-08	4.01E-10	0.00E+00
244	1088	-938	18540299	Cr(VI)	1.05E-05	4.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.91E-06	1.65E-07	4.01E-09	0.00E+00
245	1647	-390	18540299	Cr(VI)	3.85E-05	1.49E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.43E-05	6.07E-07	1.47E-08	0.00E+00
246	1650	-890	18540299	Cr(VI)	3.75E-05	1.46E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-05	5.91E-07	1.43E-08	0.00E+00
247	1430	215	18540299	Cr(VI)	3.56E-05	1.38E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-05	5.61E-07	1.36E-08	0.00E+00
248	1142	615	18540299	Cr(VI)	7.76E-06	3.01E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-06	1.22E-07	2.97E-09	0.00E+00
249	-333	-788	18540299	Cr(VI)	-2.78E-06	-1.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.03E-06	-4.38E-08	-1.06E-09	0.00E+00
250	-42	-825	18540299	Cr(VI)	3.78E-07	1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-07	5.96E-09	1.45E-10	0.00E+00
251	1900	-1175	18540299	Cr(VI)	1.48E-05	5.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.51E-06	2.33E-07	5.66E-09	0.00E+00
252	1815	-1910	18540299	Cr(VI)	3.38E-06	1.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-06	5.33E-08	1.29E-09	0.00E+00
253	2575	-2650	18540299	Cr(VI)	1.43E-06	5.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	2.25E-08	5.47E-10	0.00E+00
254	2665	-2025	18540299	Cr(VI)	2.23E-06	8.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.30E-07	3.51E-08	8.53E-10	0.00E+00
255	3480	-2025	18540299	Cr(VI)	1.76E-06	6.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-07	2.77E-08	6.73E-10	0.00E+00
256	2667	-1400	18540299	Cr(VI)	4.50E-06	1.75E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-06	7.09E-08	1.72E-09	0.00E+00
257	3400	-250	18540299	Cr(VI)	8.08E-07	3.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.01E-07	1.27E-08	3.09E-10	0.00E+00
258	2577	-940	18540299	Cr(VI)	4.56E-06	1.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	7.19E-08	1.74E-09	0.00E+00
259	2404	-475	18540299	Cr(VI)	4.20E-06	1.63E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-06	6.62E-08	1.61E-09	0.00E+00
260	1577	291	18540299	Cr(VI)	7.47E-06	2.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-06	1.18E-07	2.86E-09	0.00E+00
261	2400	240	18540299	Cr(VI)	1.77E-06	6.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.59E-07	2.79E-08	6.77E-10	0.00E+00
262	2600	1290	18540299	Cr(VI)	8.17E-07	3.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.04E-07	1.29E-08	3.12E-10	0.00E+00
263	900	935	18540299	Cr(VI)	7.04E-06	2.73E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.62E-06	1.11E-07	2.69E-09	0.00E+00
264	1375	1395	18540299	Cr(VI)	1.50E-06	5.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.58E-07	2.36E-08	5.73E-10	0.00E+00
265	-1710.89	-383.91	7439921	Lead	-2.27E-06	-7.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.96E-11	-6.08E-10	-2.21E-11	-9.43E-12
266	-1778.03	-291.29	7439921	Lead	-1.25E-06	-3.91E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.83E-11	-3.35E-10	-1.22E-11	-5.19E-12
267	-1732.28	175.05	7439921	Lead	1.08E-06	3.37E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-11	2.89E-10	1.05E-11	4.49E-12
268	-1579.43	347.93	7439921	Lead	1.16E-06	3.62E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-11	3.11E-10	1.13E-11	4.82E-12
269	-1525.43	516.64	7439921	Lead	8.42E-07	2.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-11	2.26E-10	8.21E-12	3.50E-12
270	-1332.88	500.04	7439921	Lead	1.60E-06	5.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-11	4.29E-10	1.56E-11	6.65E-12
271	-1140.45	476.3	7439921	Lead	3.51E-06	1.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.08E-10	9.40E-10	3.42E-11	1.46E-11
272	-672.12	353.55	7439921	Lead	2.09E-06	6.53E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.40E-11	5.60E-10	2.04E-11	8.68E-12
273	-169.37	170.38	7439921	Lead	6.49E-06	2.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.99E-10	1.74E-09	6.33E-11	2.70E-11
274	-75.04	299.11	7439921	Lead	4.57E-06	1.43E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-10	1.22E-09	4.46E-11	1.90E-11
275	49.15	527.2	7439921	Lead	3.65E-06	1.14E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-10	9.78E-10	3.56E-11	1.52E-11
276	144.22	648.15	7439921	Lead	3.85E-06	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-10	1.03E-09	3.75E-11	1.60E-11
277	394.15	623.31	7439921	Lead	6.97E-06	2.18E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-10	1.87E-09	6.80E-11	2.90E-11
278	501.62	717.12	7439921	Lead	1.35E-05	4.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.14E-10	3.62E-09	1.32E-10	5.61E-11
279	618.47	665.12	7439921	Lead	1.04E-05	3.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	2.79E-09	1.01E-10	4.32E-11
280	755.45	579.13	7439921	Lead	9.87E-06	3.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	2.64E-09	9.62E-11	4.10E-11
281	867.79	485.41	7439921	Lead	1.08E-05	3.37E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-10	2.89E-09	1.05E-10	4.49E-11
282	955.03	377.6	7439921	Lead	0.0000113	3.53E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.46E-10	3.03E-09	1.10E-10	4.69E-11
283	1331.68	-165.58	7439921	Lead	0.0000282	8.81E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.64E-10	7.56E-09	2.75E-10	1.17E-10
284	1406.74	-290.13	7439921	Lead	0.0000189	5.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-10	5.06E-09	1.84E-10	7.85E-11
285	1456.2	-436.06	7439921	Lead	0.0000247	7.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-10	6.62E-09	2.41E-10	1.03E-10
286	1209.21	-528.32	7439921	Lead	0.0000289	9.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-10	7.74E-09	2.82E-10	1.20E-10
287	913.01	-694.67	7439921	Lead	0.0000546	1.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-09	1.46E-08	5.32E-10	2.27E-10
288	717.24	-664.22	7439921	Lead	0.0000293	9.16E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.98E-10	7.85E-09	2.86E-10	1.22E-10
289	544.23	-594.35	7439921	Lead	0.000028	8.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.58E-10	7.50E-09	2.73E-10	1.16E-10
290	338.12	-539.73	7439921	Lead	0.0000295	9.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.04E-10	7.90E-09	2.88E-10	1.23E-10
291	123.44	-529.45	7439921	Lead	0.0000325	1.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.96E-10	8.71E-09	3.17E-10	1.35E-10
292	-353.26	-515.05	7439921	Lead	-0.0000343	-1.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	-9.19E-09	-3.34E-10	-1.42E-10
293	-537.68	-487.8	7439921	Lead	-0.00000318	-9.94E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.74E-11	-8.52E-10	-3.10E-11	-1.32E-11
294	-775.51	-486.07	7439921	Lead	-0.000027	-8.44E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.27E-10	-7.23E-09	-2.63E-10	-1.12E-10
295	-1414.44	-481.5	7439921	Lead	-0.00000163	-5.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-11	-4.37E-10	-1.59E-11	-6.77E-12
296	-1515.21	-320.18	7439921	Lead	-1.04E-05	-3.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-10	-2.79E-09	-1.01E-10	-4.32E-11
297	-1749.69	-63.9	7439921	Lead	5.08E-07	1.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-11	1.36E-10	4.95E-12	2.11E-12
298	-920.57	426.17	7439921	Lead	2.62E-06	8.19E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.03E-11	7.02E-10	2.55E-11	1.09E-11
299	-420.73	233.87	7439921	Lead	3.94E-06	1.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-10	1.06E-09	3.84E-11	1.64E-11
300	1090.12	214.1	7439921	Lead	2.08E-05	6.50E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.37E-10	5.57E-09	2.03E-10	8.64E-11
301	1183.39	65.17	7439921	Lead	2.89E-05	9.03E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.86E-10	7.74E-09	2.82E-10	1.20E-10
302	1055.3	-577.42	7439921	Lead	2.75E-05	8.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.43E-10	7.37E-09	2.68E-10	1.14E-10
303	-103.02	-518.78	7439921	Lead	-2.67E-08	-8.34E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.18E-13	-7.15E-12	-2.60E-13	-1.11E-13
304	-1076.39	-488.67	7439921	Lead	-0.0000211	-6.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.47E-10	-5.65E-09	-2.06E-10	-8.76E-11
305	-4113.79	-1330.97	7439921	Lead	0.000000234	7.31E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.17E-12	6.27E-11	2.28E-12	9.72E-13
306	-5050.04	-958.41	7439921	Lead	0.000000177	5.53E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.42E-12	4.74E-11	1.73E-12	7.35E-13
307	-4023.97	-112.26	7439921	Lead	2.23E-07	6.97E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-12	5.97E-11	2.17E-12	9.26E-13
308	-2122.34	995.23	7439921	Lead	3.75E-07	1.17E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.15E-11	1.00E-10	3.66E-12	1.56E-12
309	-2734.69	227.4	7439921	Lead	4.09E-07	1.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-11	1.10E-10	3.99E-12	1.70E-12
310	-2371.11	-69.21	7439921	Lead	5.43E-07	1.70E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-11	1.45E-10	5.29E-12	2.26E-12
311	-2146.26	177.17	7439921	Lead	6.70E-07	2.09E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.05E-11	1.80E-10	6.53E-12	2.78E-12
312	-1919.02	445.07	7439921	Lead	7.71E-07	2.41E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-11	2.07E-10	7.52E-12	3.20E-12
313	-1651.12	607.72	7439921	Lead	6.39E-07	2.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-11	1.71E-10	6.23E-12	2.65E-12
314	-3361.39	677.09	7439921	Lead	2.64E-07	8.25E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.09E-12	7.07E-11	2.57E-12	1.10E-12
315	-3026.51	724.93	7439921	Lead	3.07E-07	9.59E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-12	8.23E-11	2.99E-12	1.28E-12

*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
316	-1679.82	1478.41	7439921	Lead	3.65E-07	1.14E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-11	9.78E-11	3.56E-12	1.52E-12
317	-922.86	446.42	7439921	Lead	2.55E-06	7.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.81E-11	6.83E-10	2.49E-11	1.06E-11
318	-1799.42	1088.51	7439921	Lead	3.90E-07	1.22E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-11	1.04E-10	3.80E-12	1.62E-12
319	-359.36	1846.44	7439921	Lead	8.43E-07	2.63E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.58E-11	2.26E-10	8.22E-12	3.50E-12
320	671.3	-742.78	7439921	Lead	1.91E-05	5.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-10	5.12E-09	1.86E-10	7.93E-11
321	-1565.55	-932.22	7439921	Lead	1.25E-05	3.91E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-10	3.35E-09	1.22E-10	5.19E-11
322	-1733.02	-528.24	7439921	Lead	3.28E-06	1.02E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-10	8.79E-10	3.20E-11	1.36E-11
323	-1261.46	-507.67	7439921	Lead	-1.35E-05	-4.22E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.14E-10	-3.62E-09	-1.32E-10	-5.61E-11
324	-883.92	-503.26	7439921	Lead	-0.0000166	-5.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.09E-10	-4.45E-09	-1.62E-10	-6.90E-11
325	1599.35	-1104.97	7439921	Lead	0.0000319	9.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.77E-10	8.55E-09	3.11E-10	1.33E-10
326	1608.16	-1382.63	7439921	Lead	1.37E-05	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-10	3.67E-09	1.34E-10	5.69E-11
327	3517.15	-1425.27	7439921	Lead	3.17E-06	9.91E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.71E-11	8.49E-10	3.09E-11	1.32E-11
328	2959.77	-846.37	7439921	Lead	3.43E-06	1.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-10	9.19E-10	3.34E-11	1.42E-11
329	3479.67	224.81	7439921	Lead	0.000000905	2.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.77E-11	2.42E-10	8.82E-12	3.76E-12
330	44.43	1469.76	7439921	Lead	0.0000016	5.00E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.90E-11	4.29E-10	1.56E-11	6.65E-12
331	3044.83	-34	7439921	Lead	1.54E-06	4.81E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.72E-11	4.13E-10	1.50E-11	6.40E-12
332	1088	-938	7439921	Lead	1.58E-05	4.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.84E-10	4.23E-09	1.54E-10	6.56E-11
333	1647	-390	7439921	Lead	4.29E-05	1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-09	1.15E-08	4.18E-10	1.78E-10
334	1650	-890	7439921	Lead	4.32E-05	1.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-09	1.16E-08	4.21E-10	1.79E-10
335	1430	215	7439921	Lead	3.79E-05	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.16E-09	1.02E-08	3.70E-10	1.57E-10
336	1142	615	7439921	Lead	0.00000984	3.07E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.02E-10	2.64E-09	9.59E-11	4.09E-11
337	-333	-788	7439921	Lead	0.000000615	1.92E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.88E-11	1.65E-10	6.00E-12	2.55E-12
338	-42	-825	7439921	Lead	0.00000385	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-10	1.03E-09	3.75E-11	1.60E-11
339	1900	-1175	7439921	Lead	0.0000179	5.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.48E-10	4.80E-09	1.75E-10	7.44E-11
340	1815	-1910	7439921	Lead	0.00000508	1.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.56E-10	1.36E-09	4.95E-11	2.11E-11
341	2575	-2650	7439921	Lead	0.00000243	7.59E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.45E-11	6.51E-10	2.37E-11	1.01E-11
342	2665	-2025	7439921	Lead	0.00000359	1.12E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-10	9.62E-10	3.50E-11	1.49E-11
343	3480	-2025	7439921	Lead	0.0000029	9.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.89E-11	7.77E-10	2.83E-11	1.20E-11
344	2667	-1400	7439921	Lead	0.00000639	2.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.96E-10	1.71E-09	6.23E-11	2.65E-11
345	3400	-250	7439921	Lead	0.0000013	4.06E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-11	3.48E-10	1.27E-11	5.40E-12
346	2577	-940	7439921	Lead	0.00000665	2.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.04E-10	1.78E-09	6.48E-11	2.76E-11
347	2404	-475	7439921	Lead	0.00000569	1.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.74E-10	1.52E-09	5.55E-11	2.36E-11
348	1577	291	7439921	Lead	0.00000896	2.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-10	2.40E-09	8.74E-11	3.72E-11
349	2400	240	7439921	Lead	0.0000024	7.50E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.35E-11	6.43E-10	2.34E-11	9.97E-12
350	2600	1290	7439921	Lead	0.00000127	3.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.89E-11	3.40E-10	1.24E-11	5.28E-12
351	900	935	7439921	Lead	0.0000104	3.25E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-10	2.79E-09	1.01E-10	4.32E-11
352	1375	1395	7439921	Lead	0.0000025	7.81E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-11	6.70E-10	2.44E-11	1.04E-11
353	-1710.89	-383.91	7440020	Nickel	-0.0000601	-3.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.99E-08	0.00E+00	0.00E+00	0.00E+00
354	-1778.03	-291.29	7440020	Nickel	-0.0000402	-2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-08	0.00E+00	0.00E+00	0.00E+00
355	-1732.28	175.05	7440020	Nickel	-0.00000494	-3.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.28E-09	0.00E+00	0.00E+00	0.00E+00
356	-1579.43	347.93	7440020	Nickel	-0.00000599	-3.98E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.98E-09	0.00E+00	0.00E+00	0.00E+00
357	-1525.43	516.64	7440020	Nickel	-0.00000511	-3.39E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-09	0.00E+00	0.00E+00	0.00E+00
358	-1332.88	500.04	7440020	Nickel	-0.0000116	-7.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.70E-09	0.00E+00	0.00E+00	0.00E+00
359	-1140.45	476.3	7440020	Nickel	-0.0000191	-1.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.27E-08	0.00E+00	0.00E+00	0.00E+00
360	-672.12	353.55	7440020	Nickel	-0.0000337	-2.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.24E-08	0.00E+00	0.00E+00	0.00E+00
361	-169.37	170.38	7440020	Nickel	0.0000087	5.78E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.78E-09	0.00E+00	0.00E+00	0.00E+00
362	-75.04	299.11	7440020	Nickel	0.0000101	6.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.71E-09	0.00E+00	0.00E+00	0.00E+00
363	49.15	527.2	7440020	Nickel	0.0000129	8.56E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.56E-09	0.00E+00	0.00E+00	0.00E+00
364	144.22	648.15	7440020	Nickel	0.000019	1.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00
365	394.15	623.31	7440020	Nickel	0.0000386	2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
366	501.62	717.12	7440020	Nickel	0.000133	8.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-08	0.00E+00	0.00E+00	0.00E+00
367	618.47	665.12	7440020	Nickel	0.0000942	6.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.25E-08	0.00E+00	0.00E+00	0.00E+00
368	755.45	579.13	7440020	Nickel	0.0000891	5.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.92E-08	0.00E+00	0.00E+00	0.00E+00
369	867.79	485.41	7440020	Nickel	0.000102	6.77E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.77E-08	0.00E+00	0.00E+00	0.00E+00
370	955.03	377.6	7440020	Nickel	0.00011	7.30E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.30E-08	0.00E+00	0.00E+00	0.00E+00
371	1331.68	-165.58	7440020	Nickel	0.000337	2.24E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.24E-07	0.00E+00	0.00E+00	0.00E+00
372	1406.74	-290.13	7440020	Nickel	0.000181	1.20E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00
373	1456.2	-436.06	7440020	Nickel	0.000221	1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00
374	1209.21	-528.32	7440020	Nickel	0.000192	1.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00
375	913.01	-694.67	7440020	Nickel	0.000603	4.00E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.00E-07	0.00E+00	0.00E+00	0.00E+00
376	717.24	-664.22	7440020	Nickel	0.000256	1.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00
377	544.23	-594.35	7440020	Nickel	0.000237	1.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00
378	338.12	-539.73	7440020	Nickel	0.000277	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
379	123.44	-529.45	7440020	Nickel	0.00037	2.46E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00
380	-353.26	-515.05	7440020	Nickel	-0.000595	-3.95E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.95E-07	0.00E+00	0.00E+00	0.00E+00
381	-537.68	-487.8	7440020	Nickel	-0.000131	-8.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.70E-08	0.00E+00	0.00E+00	0.00E+00
382	-775.51	-486.07	7440020	Nickel	-0.000458	-3.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.04E-07	0.00E+00	0.00E+00	0.00E+00
383	-1414.44	-481.5	7440020	Nickel	-0.0000748	-4.97E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.97E-08	0.00E+00	0.00E+00	0.00E+00
384	-1515.21	-320.18	7440020	Nickel	-0.0002	-1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
385	-1749.69	-63.9	7440020	Nickel	-0.0000151	-1.00E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-08	0.00E+00	0.00E+00	0.00E+00
386	-920.57	426.17	7440020	Nickel	-0.0000272	-1.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	0.00E+00	0.00E+00	0.00E+00
387	-420.73	233.87	7440020	Nickel	-0.000022	-1.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.46E-08	0.00E+00	0.00E+00	0.00E+00
388	1090.12	214.1	7440020	Nickel	0.000255	1.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00
389	1183.39	65.17	7440020	Nickel	3.56E-04	2.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00
390	1055.3	-577.42	7440020	Nickel	0.000183	1.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00
391	-103.02	-518.78	7440020	Nickel	-0.0000879	-5.84E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.84E-08	0.00E+00	0.00E+00	0.00E+00
392	-1076.39	-488.67	7440020	Nickel	-0.000345	-2.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-07	0.00E+00	0.00E+00	0.00E+00
393	-4113.79	-1330.97	7440020	Nickel	0.00000086	5.71E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.71E-10	0.00E+00	0.00E+00	0.00E+00
394	-5050.04	-958.41	7440020	Nickel	0.000000662	4.40E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.40E-10	0.00E+00	0.00E+00	0.00E+00
395	-4023.97	-112.26	7440020	Nickel	0.000000577	3.83E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.83E-10	0.00E+00	0.00E+00	0.00E+00
396	-2122.34	995.23	7440020	Nickel	0.00000103	6.84E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-10	0.00E+00	0.00E+00	0.00E+00
397	-2734.69	227.4	7440020	Nickel	0.00000072	4.78E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.78E-10	0.00E+00	0.00E+00	0.00E+00
398	-2371.11	-69.21	7440020	Nickel	2.76E-09	1.83E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-12	0.00E+00	0.00E+00	0.00E+00
399	-2146.26	177.17	7440020	Nickel	4.48E-09	2.97E-12	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.97E-12	0.00E+00	0.00E+00	0.00E+00
400	-1919.02	445.07	7440020	Nickel	0.000000342	2.27E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-10	0.00E+00	0.00E+00	0.00E+00
401	-1651.12	607.72	7440020	Nickel	-0.00000199	-1.32E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-09	0.00E+00	0.00E+00	0.00E+00
402	-3361.39	677.09	7440020	Nickel	0.000000789	5.24E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.24E-10	0.00E+00	0.00E+00	0.00E+00
403	-3026.51	724.93	7440020	Nickel	0.00000105	6.97E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-10	0.00E+00	0.00E+00	0.00E+00
404	-1679.82	1478.41	7440020	Nickel	-0.000000622	-4.13E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.13E-10	0.00E+00	0.00E+00	0.00E+00
405	-922.86	446.42	7440020	Nickel	-0.0000256	-1.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-08	0.00E+00	0.00E+00	0.00E+00
406	-1799.42	1088.51	7440020	Nickel	-7.77E-08	-5.16E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.16E-11	0.00E+00	0.00E+00	0.00E+00
407	-359.36	1846.44	7440020	Nickel	0.0000006	3.98E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.98E-10	0.00E+00	0.00E+00	0.00E+00
408	671.3	-742.78	7440020	Nickel	0.000161	1.07E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00
409	-1565.55	-932.22	7440020	Nickel	0.000149	9.89E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.89E-08	0.00E+00	0.00E+00	0.00E+00
410	-1733.02	-528.24	7440020	Nickel	0.0000134	8.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-09	0.00E+00	0.00E+00	0.00E+00
411	-1261.46	-507.67	7440020	Nickel	-0.000231	-1.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.53E-07	0.00E+00	0.00E+00	0.00E+00
412	-883.92	-503.26	7440020	Nickel	-0.000289	-1.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.92E-07	0.00E+00	0.00E+00	0.00E+00
413	1599.35	-1104.97	7440020	Nickel	0.00038	2.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00
414	1608.16	-1382.63	7440020	Nickel	0.000142	9.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.43E-08	0.00E+00	0.00E+00	0.00E+00
415	3517.15	-1425.27	7440020	Nickel	0.0000238	1.58E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00
416	2959.77	-846.37	7440020	Nickel	0.0000252	1.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00
417	3479.67	224.81	7440020	Nickel	0.00000723	4.80E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.80E-09	0.00E+00	0.00E+00	0.00E+00
418	44.43	1469.76	7440020	Nickel	0.00000587	3.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.90E-09	0.00E+00	0.00E+00	0.00E+00
419	3044.83	-34	7440020	Nickel	0.0000131	8.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.70E-09	0.00E+00	0.00E+00	0.00E+00
420	1088	-938	7440020	Nickel	0.000135	8.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.96E-08	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
421	1647	-390	7440020	Nickel	0.000514	3.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00
422	1650	-890	7440020	Nickel	0.000498	3.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.31E-07	0.00E+00	0.00E+00	0.00E+00
423	1430	215	7440020	Nickel	0.000481	3.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.19E-07	0.00E+00	0.00E+00	0.00E+00
424	1142	615	7440020	Nickel	0.000101	6.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.71E-08	0.00E+00	0.00E+00	0.00E+00
425	-333	-788	7440020	Nickel	-0.000044	-2.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.92E-08	0.00E+00	0.00E+00	0.00E+00
426	-42	-825	7440020	Nickel	0.000000371	2.46E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-10	0.00E+00	0.00E+00	0.00E+00
427	1900	-1175	7440020	Nickel	0.000198	1.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00
428	1815	-1910	7440020	Nickel	0.0000432	2.87E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.87E-08	0.00E+00	0.00E+00	0.00E+00
429	2575	-2650	7440020	Nickel	0.0000177	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
430	2665	-2025	7440020	Nickel	0.000028	1.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00
431	3480	-2025	7440020	Nickel	0.000022	1.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00
432	2667	-1400	7440020	Nickel	0.0000581	3.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00
433	3400	-250	7440020	Nickel	0.00000991	6.58E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.58E-09	0.00E+00	0.00E+00	0.00E+00
434	2577	-940	7440020	Nickel	0.0000582	3.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00
435	2404	-475	7440020	Nickel	0.0000544	3.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.61E-08	0.00E+00	0.00E+00	0.00E+00
436	1577	291	7440020	Nickel	0.0000986	6.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00
437	2400	240	7440020	Nickel	0.0000226	1.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00
438	2600	1290	7440020	Nickel	0.0000103	6.84E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.84E-09	0.00E+00	0.00E+00	0.00E+00
439	900	935	7440020	Nickel	0.0000818	5.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
440	1375	1395	7440020	Nickel	0.0000181	1.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00
441	-1710.89	-383.91	9901	DieselExhPM	-0.021	-1.69E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-05	0.00E+00	0.00E+00	0.00E+00
442	-1778.03	-291.29	9901	DieselExhPM	-0.0159	-1.28E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-05	0.00E+00	0.00E+00	0.00E+00
443	-1732.28	175.05	9901	DieselExhPM	-0.0105	-8.43E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.43E-06	0.00E+00	0.00E+00	0.00E+00
444	-1579.43	347.93	9901	DieselExhPM	-0.0111	-8.91E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.91E-06	0.00E+00	0.00E+00	0.00E+00
445	-1525.43	516.64	9901	DieselExhPM	-0.00937	-7.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.52E-06	0.00E+00	0.00E+00	0.00E+00
446	-1332.88	500.04	9901	DieselExhPM	-0.018	-1.44E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-05	0.00E+00	0.00E+00	0.00E+00
447	-1140.45	476.3	9901	DieselExhPM	-0.0283	-2.27E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-05	0.00E+00	0.00E+00	0.00E+00
448	-672.12	353.55	9901	DieselExhPM	-0.0512	-4.11E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-05	0.00E+00	0.00E+00	0.00E+00
449	-169.37	170.38	9901	DieselExhPM	0.0019	1.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.52E-06	0.00E+00	0.00E+00	0.00E+00
450	-75.04	299.11	9901	DieselExhPM	-0.00415	-3.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-06	0.00E+00	0.00E+00	0.00E+00
451	49.15	527.2	9901	DieselExhPM	-0.0125	-1.00E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.00E-05	0.00E+00	0.00E+00	0.00E+00
452	144.22	648.15	9901	DieselExhPM	-0.0146	-1.17E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-05	0.00E+00	0.00E+00	0.00E+00
453	394.15	623.31	9901	DieselExhPM	-0.0775	-6.22E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.22E-05	0.00E+00	0.00E+00	0.00E+00
454	501.62	717.12	9901	DieselExhPM	-0.043	-3.45E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.45E-05	0.00E+00	0.00E+00	0.00E+00
455	618.47	665.12	9901	DieselExhPM	-0.0317	-2.54E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.54E-05	0.00E+00	0.00E+00	0.00E+00
456	755.45	579.13	9901	DieselExhPM	-0.0185	-1.48E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.48E-05	0.00E+00	0.00E+00	0.00E+00
457	867.79	485.41	9901	DieselExhPM	-0.0103	-8.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.27E-06	0.00E+00	0.00E+00	0.00E+00
458	955.03	377.6	9901	DieselExhPM	-0.00594	-4.77E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-06	0.00E+00	0.00E+00	0.00E+00
459	1331.68	-165.58	9901	DieselExhPM	0.0132	1.06E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-05	0.00E+00	0.00E+00	0.00E+00
460	1406.74	-290.13	9901	DieselExhPM	0.0000631	5.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.06E-08	0.00E+00	0.00E+00	0.00E+00
461	1456.2	-436.06	9901	DieselExhPM	-0.00862	-6.92E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.92E-06	0.00E+00	0.00E+00	0.00E+00
462	1209.21	-528.32	9901	DieselExhPM	-0.00776	-6.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.23E-06	0.00E+00	0.00E+00	0.00E+00
463	913.01	-694.67	9901	DieselExhPM	-0.0221	-1.77E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-05	0.00E+00	0.00E+00	0.00E+00
464	717.24	-664.22	9901	DieselExhPM	-0.0133	-1.07E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-05	0.00E+00	0.00E+00	0.00E+00
465	544.23	-594.35	9901	DieselExhPM	-0.00687	-5.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.51E-06	0.00E+00	0.00E+00	0.00E+00
466	338.12	-539.73	9901	DieselExhPM	0.0225	1.81E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-05	0.00E+00	0.00E+00	0.00E+00
467	123.44	-529.45	9901	DieselExhPM	0.0854	6.85E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.85E-05	0.00E+00	0.00E+00	0.00E+00
468	-353.26	-515.05	9901	DieselExhPM	-0.0632	-5.07E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.07E-05	0.00E+00	0.00E+00	0.00E+00
469	-537.68	-487.8	9901	DieselExhPM	-0.108	-8.67E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.67E-05	0.00E+00	0.00E+00	0.00E+00
470	-775.51	-486.07	9901	DieselExhPM	-0.104	-8.35E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.35E-05	0.00E+00	0.00E+00	0.00E+00
471	-1414.44	-481.5	9901	DieselExhPM	-0.05	-4.01E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.01E-05	0.00E+00	0.00E+00	0.00E+00
472	-1515.21	-320.18	9901	DieselExhPM	-0.0563	-4.52E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.52E-05	0.00E+00	0.00E+00	0.00E+00
473	-1749.69	-63.9	9901	DieselExhPM	-0.0171	-1.37E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-05	0.00E+00	0.00E+00	0.00E+00
474	-920.57	426.17	9901	DieselExhPM	-0.0411	-3.30E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.30E-05	0.00E+00	0.00E+00	0.00E+00
475	-420.73	233.87	9901	DieselExhPM	-0.0397	-3.19E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-05	0.00E+00	0.00E+00	0.00E+00
476	1090.12	214.1	9901	DieselExhPM	-0.0011	-8.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.83E-07	0.00E+00	0.00E+00	0.00E+00
477	1183.39	65.17	9901	DieselExhPM	0.0123	9.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.87E-06	0.00E+00	0.00E+00	0.00E+00
478	1055.3	-577.42	9901	DieselExhPM	-0.00728	-5.84E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.84E-06	0.00E+00	0.00E+00	0.00E+00
479	-103.02	-518.78	9901	DieselExhPM	0.055	4.41E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.41E-05	0.00E+00	0.00E+00	0.00E+00
480	-1076.39	-488.67	9901	DieselExhPM	-0.082	-6.58E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.58E-05	0.00E+00	0.00E+00	0.00E+00
481	-4113.79	-1330.97	9901	DieselExhPM	-0.000806	-6.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.47E-07	0.00E+00	0.00E+00	0.00E+00
482	-5050.04	-958.41	9901	DieselExhPM	-0.000584	-4.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.69E-07	0.00E+00	0.00E+00	0.00E+00
483	-4023.97	-112.26	9901	DieselExhPM	-0.000912	-7.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.32E-07	0.00E+00	0.00E+00	0.00E+00
484	-2122.34	995.23	9901	DieselExhPM	-0.00166	-1.33E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-06	0.00E+00	0.00E+00	0.00E+00
485	-2734.69	227.4	9901	DieselExhPM	-0.00219	-1.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-06	0.00E+00	0.00E+00	0.00E+00
486	-2371.11	-69.21	9901	DieselExhPM	-0.00382	-3.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.07E-06	0.00E+00	0.00E+00	0.00E+00
487	-2146.26	177.17	9901	DieselExhPM	-0.00446	-3.58E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.58E-06	0.00E+00	0.00E+00	0.00E+00
488	-1919.02	445.07	9901	DieselExhPM	-0.0039	-3.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.13E-06	0.00E+00	0.00E+00	0.00E+00
489	-1651.12	607.72	9901	DieselExhPM	-0.00555	-4.45E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.45E-06	0.00E+00	0.00E+00	0.00E+00
490	-3361.39	677.09	9901	DieselExhPM	-0.00106	-8.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.51E-07	0.00E+00	0.00E+00	0.00E+00
491	-3026.51	724.93	9901	DieselExhPM	-0.0012	-9.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.63E-07	0.00E+00	0.00E+00	0.00E+00
492	-1679.82	1478.41	9901	DieselExhPM	-0.00273	-2.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.19E-06	0.00E+00	0.00E+00	0.00E+00
493	-922.86	446.42	9901	DieselExhPM	-0.0387	-3.11E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.11E-05	0.00E+00	0.00E+00	0.00E+00
494	-1799.42	1088.51	9901	DieselExhPM	-0.00274	-2.20E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-06	0.00E+00	0.00E+00	0.00E+00
495	-359.36	1846.44	9901	DieselExhPM	-0.00454	-3.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-06	0.00E+00	0.00E+00	0.00E+00
496	671.3	-742.78	9901	DieselExhPM	0.000221	1.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-07	0.00E+00	0.00E+00	0.00E+00
497	-1565.55	-932.22	9901	DieselExhPM	-0.0174	-1.40E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-05	0.00E+00	0.00E+00	0.00E+00
498	-1733.02	-528.24	9901	DieselExhPM	-0.0207	-1.66E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-05	0.00E+00	0.00E+00	0.00E+00
499	-1261.46	-507.67	9901	DieselExhPM	-0.0588	-4.72E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-05	0.00E+00	0.00E+00	0.00E+00
500	-883.92	-503.26	9901	DieselExhPM	-0.0871	-6.99E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.99E-05	0.00E+00	0.00E+00	0.00E+00
501	1599.35	-1104.97	9901	DieselExhPM	-0.0106	-8.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.51E-06	0.00E+00	0.00E+00	0.00E+00
502	1608.16	-1382.63	9901	DieselExhPM	-0.00829	-6.65E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.65E-06	0.00E+00	0.00E+00	0.00E+00
503	3517.15	-1425.27	9901	DieselExhPM	-0.0026	-2.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.09E-06	0.00E+00	0.00E+00	0.00E+00
504	2959.77	-846.37	9901	DieselExhPM	-0.00306	-2.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.46E-06	0.00E+00	0.00E+00	0.00E+00
505	3479.67	224.81	9901	DieselExhPM	-0.000945	-7.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.58E-07	0.00E+00	0.00E+00	0.00E+00
506	44.43	1469.76	9901	DieselExhPM	-0.00622	-4.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.99E-06	0.00E+00	0.00E+00	0.00E+00
507	3044.83	-34	9901	DieselExhPM	-0.00163	-1.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-06	0.00E+00	0.00E+00	0.00E+00
508	1088	-938	9901	DieselExhPM	-0.00433	-3.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.47E-06	0.00E+00	0.00E+00	0.00E+00
509	1647	-390	9901	DieselExhPM	-0.0147	-1.18E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-05	0.00E+00	0.00E+00	0.00E+00
510	1650	-890	9901	DieselExhPM	-0.0179	-1.44E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.44E-05	0.00E+00	0.00E+00	0.00E+00
511	1430	215	9901	DieselExhPM	-0.0142	-1.14E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.14E-05	0.00E+00	0.00E+00	0.00E+00
512	1142	615	9901	DieselExhPM	-0.00231	-1.85E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.85E-06	0.00E+00	0.00E+00	0.00E+00
513	-333	-788	9901	DieselExhPM	-0.024	-1.93E-05	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-05	0.00E+00	0.00E+00	0.00E+00
514	-42	-825	9901	DieselExhPM	-0.00112	-8.99E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.99E-07	0.00E+00	0.00E+00	0.00E+00
515	1900	-1175	9901	DieselExhPM	-0.00613	-4.92E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.92E-06	0.00E+00	0.00E+00	0.00E+00
516	1815	-1910	9901	DieselExhPM	-0.00455	-3.65E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.65E-06	0.00E+00	0.00E+00	0.00E+00
517	2575	-2650	9901	DieselExhPM	-0.00288	-2.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-06	0.00E+00	0.00E+00	0.00E+00
518	2665	-2025	9901	DieselExhPM	-0.00358	-2.87E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.87E-06	0.00E+00	0.00E+00	0.00E+00
519	3480	-2025	9901	DieselExhPM	-0.00275	-2.21E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-06	0.00E+00	0.00E+00	0.00E+00
520	2667	-1400	9901	DieselExhPM	-0.00359	-2.88E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.88E-06	0.00E+00	0.00E+00	0.00E+00
521	3400	-250	9901	DieselExhPM	-0.00159	-1.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-06	0.00E+00	0.00E+00	0.00E+00
522	2577	-940	9901	DieselExhPM	-0.00376	-3.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-06	0.00E+00	0.00E+00	0.00E+00
523	2404	-475	9901	DieselExhPM	-0.00422	-3.39E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.39E-06	0.00E+00	0.00E+00	0.00E+00
524	1577	291	9901	DieselExhPM	-0.00398	-3.19E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.19E-06	0.00E+00	0.00E+00	0.00E+00
525	2400	240	9901	DieselExhPM	-0.00193	-1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-06	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
526	2600	1290	9901	DieselExhPM	-0.000652	-5.23E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.23E-07	0.00E+00	0.00E+00	0.00E+00
527	900	935	9901	DieselExhPM	-0.00849	-6.81E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.81E-06	0.00E+00	0.00E+00	0.00E+00
528	1375	1395	9901	DieselExhPM	-0.00265	-2.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.13E-06	0.00E+00	0.00E+00	0.00E+00
529	-1710.89	-383.91	106990	1,3-Butadiene	0.00108	4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
530	-1778.03	-291.29	106990	1,3-Butadiene	0.00104	4.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-07	0.00E+00	0.00E+00	0.00E+00
531	-1732.28	175.05	106990	1,3-Butadiene	0.00143	6.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.26E-07	0.00E+00	0.00E+00	0.00E+00
532	-1579.43	347.93	106990	1,3-Butadiene	0.00161	7.05E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.05E-07	0.00E+00	0.00E+00	0.00E+00
533	-1525.43	516.64	106990	1,3-Butadiene	0.00148	6.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00
534	-1332.88	500.04	106990	1,3-Butadiene	0.00484	2.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.12E-06	0.00E+00	0.00E+00	0.00E+00
535	-1140.45	476.3	106990	1,3-Butadiene	0.00636	2.78E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.78E-06	0.00E+00	0.00E+00	0.00E+00
536	-672.12	353.55	106990	1,3-Butadiene	0.00414	1.81E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.81E-06	0.00E+00	0.00E+00	0.00E+00
537	-169.37	170.38	106990	1,3-Butadiene	0.0057	2.50E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.50E-06	0.00E+00	0.00E+00	0.00E+00
538	-75.04	299.11	106990	1,3-Butadiene	0.00375	1.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-06	0.00E+00	0.00E+00	0.00E+00
539	49.15	527.2	106990	1,3-Butadiene	0.00229	1.00E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.00E-06	0.00E+00	0.00E+00	0.00E+00
540	144.22	648.15	106990	1,3-Butadiene	0.00178	7.79E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.79E-07	0.00E+00	0.00E+00	0.00E+00
541	394.15	623.31	106990	1,3-Butadiene	0.00108	4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
542	501.62	717.12	106990	1,3-Butadiene	-0.0000379	-1.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
543	618.47	665.12	106990	1,3-Butadiene	0.000639	2.80E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.80E-07	0.00E+00	0.00E+00	0.00E+00
544	755.45	579.13	106990	1,3-Butadiene	0.00106	4.64E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-07	0.00E+00	0.00E+00	0.00E+00
545	867.79	485.41	106990	1,3-Butadiene	0.00121	5.30E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.30E-07	0.00E+00	0.00E+00	0.00E+00
546	955.03	377.6	106990	1,3-Butadiene	0.0015	6.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.57E-07	0.00E+00	0.00E+00	0.00E+00
547	1331.68	-165.58	106990	1,3-Butadiene	0.00336	1.47E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00
548	1406.74	-290.13	106990	1,3-Butadiene	0.00563	2.46E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.46E-06	0.00E+00	0.00E+00	0.00E+00
549	1456.2	-436.06	106990	1,3-Butadiene	0.00967	4.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.23E-06	0.00E+00	0.00E+00	0.00E+00
550	1209.21	-528.32	106990	1,3-Butadiene	0.0206	9.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.02E-06	0.00E+00	0.00E+00	0.00E+00
551	913.01	-694.67	106990	1,3-Butadiene	0.0068	2.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.98E-06	0.00E+00	0.00E+00	0.00E+00
552	717.24	-664.22	106990	1,3-Butadiene	0.00698	3.06E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.06E-06	0.00E+00	0.00E+00	0.00E+00
553	544.23	-594.35	106990	1,3-Butadiene	0.00683	2.99E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.99E-06	0.00E+00	0.00E+00	0.00E+00
554	338.12	-539.73	106990	1,3-Butadiene	0.00641	2.81E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-06	0.00E+00	0.00E+00	0.00E+00
555	123.44	-529.45	106990	1,3-Butadiene	0.00643	2.81E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.81E-06	0.00E+00	0.00E+00	0.00E+00
556	-353.26	-515.05	106990	1,3-Butadiene	0.00355	1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.55E-06	0.00E+00	0.00E+00	0.00E+00
557	-537.68	-487.8	106990	1,3-Butadiene	0.0026	1.14E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00
558	-775.51	-486.07	106990	1,3-Butadiene	0.000762	3.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.34E-07	0.00E+00	0.00E+00	0.00E+00
559	-1414.44	-481.5	106990	1,3-Butadiene	0.000462	2.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00
560	-1515.21	-320.18	106990	1,3-Butadiene	0.00164	7.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.18E-07	0.00E+00	0.00E+00	0.00E+00
561	-1749.69	-63.9	106990	1,3-Butadiene	0.00135	5.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.91E-07	0.00E+00	0.00E+00	0.00E+00
562	-920.57	426.17	106990	1,3-Butadiene	0.00452	1.98E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.98E-06	0.00E+00	0.00E+00	0.00E+00
563	-420.73	233.87	106990	1,3-Butadiene	0.0052	2.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.28E-06	0.00E+00	0.00E+00	0.00E+00
564	1090.12	214.1	106990	1,3-Butadiene	0.000384	1.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.68E-07	0.00E+00	0.00E+00	0.00E+00
565	1183.39	65.17	106990	1,3-Butadiene	0.00153	6.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-07	0.00E+00	0.00E+00	0.00E+00
566	1055.3	-577.42	106990	1,3-Butadiene	0.0162	7.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-06	0.00E+00	0.00E+00	0.00E+00
567	-103.02	-518.78	106990	1,3-Butadiene	0.0053	2.32E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.32E-06	0.00E+00	0.00E+00	0.00E+00
568	-1076.39	-488.67	106990	1,3-Butadiene	0.000495	2.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00
569	-4113.79	-1330.97	106990	1,3-Butadiene	0.000124	5.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.43E-08	0.00E+00	0.00E+00	0.00E+00
570	-5050.04	-958.41	106990	1,3-Butadiene	0.0000774	3.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00
571	-4023.97	-112.26	106990	1,3-Butadiene	0.000114	4.99E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.99E-08	0.00E+00	0.00E+00	0.00E+00
572	-2122.34	995.23	106990	1,3-Butadiene	0.000243	1.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00
573	-2734.69	227.4	106990	1,3-Butadiene	0.000269	1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00
574	-2371.11	-69.21	106990	1,3-Butadiene	0.000382	1.67E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00
575	-2146.26	177.17	106990	1,3-Butadiene	0.00055	2.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-07	0.00E+00	0.00E+00	0.00E+00
576	-1919.02	445.07	106990	1,3-Butadiene	0.000661	2.89E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.89E-07	0.00E+00	0.00E+00	0.00E+00
577	-1651.12	607.72	106990	1,3-Butadiene	0.000786	3.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.44E-07	0.00E+00	0.00E+00	0.00E+00
578	-3361.39	677.09	106990	1,3-Butadiene	0.000167	7.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.31E-08	0.00E+00	0.00E+00	0.00E+00
579	-3026.51	724.93	106990	1,3-Butadiene	0.000197	8.62E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.62E-08	0.00E+00	0.00E+00	0.00E+00
580	-1679.82	1478.41	106990	1,3-Butadiene	0.00045	1.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00
581	-922.86	446.42	106990	1,3-Butadiene	0.00441	1.93E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-06	0.00E+00	0.00E+00	0.00E+00
582	-1799.42	1088.51	106990	1,3-Butadiene	0.000406	1.78E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00
583	-359.36	1846.44	106990	1,3-Butadiene	0.000855	3.74E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00
584	671.3	-742.78	106990	1,3-Butadiene	0.00798	3.49E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.49E-06	0.00E+00	0.00E+00	0.00E+00
585	-1565.55	-932.22	106990	1,3-Butadiene	0.00081	3.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.55E-07	0.00E+00	0.00E+00	0.00E+00
586	-1733.02	-528.24	106990	1,3-Butadiene	0.000118	5.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.17E-08	0.00E+00	0.00E+00	0.00E+00
587	-1261.46	-507.67	106990	1,3-Butadiene	0.00105	4.60E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00
588	-883.92	-503.26	106990	1,3-Butadiene	0.00172	7.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.53E-07	0.00E+00	0.00E+00	0.00E+00
589	1599.35	-1104.97	106990	1,3-Butadiene	0.0038	1.66E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.66E-06	0.00E+00	0.00E+00	0.00E+00
590	1608.16	-1382.63	106990	1,3-Butadiene	0.0029	1.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.27E-06	0.00E+00	0.00E+00	0.00E+00
591	3517.15	-1425.27	106990	1,3-Butadiene	0.00149	6.52E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.52E-07	0.00E+00	0.00E+00	0.00E+00
592	2959.77	-846.37	106990	1,3-Butadiene	0.00153	6.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.70E-07	0.00E+00	0.00E+00	0.00E+00
593	3479.67	224.81	106990	1,3-Butadiene	0.000287	1.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00
594	44.43	1469.76	106990	1,3-Butadiene	0.00108	4.73E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00
595	3044.83	-34	106990	1,3-Butadiene	0.000427	1.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00
596	1088	-938	106990	1,3-Butadiene	0.00692	3.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.03E-06	0.00E+00	0.00E+00	0.00E+00
597	1647	-390	106990	1,3-Butadiene	0.00156	6.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.83E-07	0.00E+00	0.00E+00	0.00E+00
598	1650	-890	106990	1,3-Butadiene	0.00389	1.70E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.70E-06	0.00E+00	0.00E+00	0.00E+00
599	1430	215	106990	1,3-Butadiene	-0.000653	-2.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.86E-07	0.00E+00	0.00E+00	0.00E+00
600	1142	615	106990	1,3-Butadiene	0.00104	4.55E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.55E-07	0.00E+00	0.00E+00	0.00E+00
601	-333	-788	106990	1,3-Butadiene	0.00392	1.72E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.72E-06	0.00E+00	0.00E+00	0.00E+00
602	-42	-825	106990	1,3-Butadiene	0.00475	2.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-06	0.00E+00	0.00E+00	0.00E+00
603	1900	-1175	106990	1,3-Butadiene	0.00374	1.64E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.64E-06	0.00E+00	0.00E+00	0.00E+00
604	1815	-1910	106990	1,3-Butadiene	0.00207	9.06E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.06E-07	0.00E+00	0.00E+00	0.00E+00
605	2575	-2650	106990	1,3-Butadiene	0.00122	5.34E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.34E-07	0.00E+00	0.00E+00	0.00E+00
606	2665	-2025	106990	1,3-Butadiene	0.00173	7.57E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.57E-07	0.00E+00	0.00E+00	0.00E+00
607	3480	-2025	106990	1,3-Butadiene	0.00145	6.35E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.35E-07	0.00E+00	0.00E+00	0.00E+00
608	2667	-1400	106990	1,3-Butadiene	0.0024	1.05E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00
609	3400	-250	106990	1,3-Butadiene	0.000461	2.02E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00
610	2577	-940	106990	1,3-Butadiene	0.00245	1.07E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00
611	2404	-475	106990	1,3-Butadiene	0.00139	6.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.08E-07	0.00E+00	0.00E+00	0.00E+00
612	1577	291	106990	1,3-Butadiene	0.00107	4.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.68E-07	0.00E+00	0.00E+00	0.00E+00
613	2400	240	106990	1,3-Butadiene	0.000488	2.14E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00
614	2600	1290	106990	1,3-Butadiene	0.000418	1.83E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.83E-07	0.00E+00	0.00E+00	0.00E+00
615	900	935	106990	1,3-Butadiene	0.001	4.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.38E-07	0.00E+00	0.00E+00	0.00E+00
616	1375	1395	106990	1,3-Butadiene	0.000834	3.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.65E-07	0.00E+00	0.00E+00	0.00E+00
617	-1710.89	-383.91	75070	Acetaldehyde	0.00162	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
618	-1778.03	-291.29	75070	Acetaldehyde	0.00186	1.36E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00
619	-1732.28	175.05	75070	Acetaldehyde	0.0033	2.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00
620	-1579.43	347.93	75070	Acetaldehyde	0.00377	2.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00
621	-1525.43	516.64	75070	Acetaldehyde	0.00347	2.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
622	-1332.88	500.04	75070	Acetaldehyde	0.0118	8.61E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.61E-08	0.00E+00	0.00E+00	0.00E+00
623	-1140.45	476.3	75070	Acetaldehyde	0.0154	1.12E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00
624	-672.12	353.55	75070	Acetaldehyde	0.00947	6.91E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.91E-08	0.00E+00	0.00E+00	0.00E+00
625	-169.37	170.38	75070	Acetaldehyde	0.0139	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
626	-75.04	299.11	75070	Acetaldehyde	0.00895	6.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.53E-08	0.00E+00	0.00E+00	0.00E+00
627	49.15	527.2	75070	Acetaldehyde	0.00518	3.78E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00
628	144.22	648.15	75070	Acetaldehyde	0.00378	2.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00
629	394.15	623.31	75070	Acetaldehyde	0.00129	9.41E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.41E-09	0.00E+00	0.00E+00	0.00E+00
630	501.62	717.12	75070	Acetaldehyde	-0.00257	-1.88E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-08	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
631	618.47	665.12	75070	Acetaldehyde	-0.0000877	-6.40E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.40E-10	0.00E+00	0.00E+00	0.00E+00
632	755.45	579.13	75070	Acetaldehyde	0.00138	1.01E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00
633	867.79	485.41	75070	Acetaldehyde	0.00181	1.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00
634	955.03	377.6	75070	Acetaldehyde	0.00264	1.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00
635	1331.68	-165.58	75070	Acetaldehyde	0.00662	4.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00
636	1406.74	-290.13	75070	Acetaldehyde	0.0127	9.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.27E-08	0.00E+00	0.00E+00	0.00E+00
637	1456.2	-436.06	75070	Acetaldehyde	0.0221	1.61E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00
638	1209.21	-528.32	75070	Acetaldehyde	0.0497	3.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.63E-07	0.00E+00	0.00E+00	0.00E+00
639	913.01	-694.67	75070	Acetaldehyde	0.0106	7.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
640	717.24	-664.22	75070	Acetaldehyde	0.0121	8.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.83E-08	0.00E+00	0.00E+00	0.00E+00
641	544.23	-594.35	75070	Acetaldehyde	0.0111	8.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.10E-08	0.00E+00	0.00E+00	0.00E+00
642	338.12	-539.73	75070	Acetaldehyde	0.00973	7.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.10E-08	0.00E+00	0.00E+00	0.00E+00
643	123.44	-529.45	75070	Acetaldehyde	0.0112	8.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.17E-08	0.00E+00	0.00E+00	0.00E+00
644	-353.26	-515.05	75070	Acetaldehyde	3.47E-03	2.53E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00
645	-537.68	-487.8	75070	Acetaldehyde	5.59E-04	4.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-09	0.00E+00	0.00E+00	0.00E+00
646	-775.51	-486.07	75070	Acetaldehyde	-4.99E-03	-3.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.64E-08	0.00E+00	0.00E+00	0.00E+00
647	-1414.44	-481.5	75070	Acetaldehyde	-2.65E-03	-1.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-08	0.00E+00	0.00E+00	0.00E+00
648	-1515.21	-320.18	75070	Acetaldehyde	1.60E-03	1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00
649	-1749.69	-63.9	75070	Acetaldehyde	2.89E-03	2.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00
650	-920.57	426.17	75070	Acetaldehyde	1.06E-02	7.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
651	-420.73	233.87	75070	Acetaldehyde	1.22E-02	8.90E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-08	0.00E+00	0.00E+00	0.00E+00
652	1090.12	214.1	75070	Acetaldehyde	-0.00194	-1.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-08	0.00E+00	0.00E+00	0.00E+00
653	1183.39	65.17	75070	Acetaldehyde	1.66E-03	1.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00
654	1055.3	-577.42	75070	Acetaldehyde	3.86E-02	2.82E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00
655	-103.02	-518.78	75070	Acetaldehyde	8.44E-03	6.16E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-08	0.00E+00	0.00E+00	0.00E+00
656	-1076.39	-488.67	75070	Acetaldehyde	-0.00441	-3.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-08	0.00E+00	0.00E+00	0.00E+00
657	-4113.79	-1330.97	75070	Acetaldehyde	2.70E-04	1.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00
658	-5050.04	-958.41	75070	Acetaldehyde	0.000165	1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00
659	-4023.97	-112.26	75070	Acetaldehyde	0.000243	1.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.77E-09	0.00E+00	0.00E+00	0.00E+00
660	-2122.34	995.23	75070	Acetaldehyde	0.000539	3.93E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.93E-09	0.00E+00	0.00E+00	0.00E+00
661	-2734.69	227.4	75070	Acetaldehyde	0.000586	4.28E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00
662	-2371.11	-69.21	75070	Acetaldehyde	0.000794	5.79E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.79E-09	0.00E+00	0.00E+00	0.00E+00
663	-2146.26	177.17	75070	Acetaldehyde	0.00122	8.90E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.90E-09	0.00E+00	0.00E+00	0.00E+00
664	-1919.02	445.07	75070	Acetaldehyde	0.00153	1.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00
665	-1651.12	607.72	75070	Acetaldehyde	0.0018	1.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00
666	-3361.39	677.09	75070	Acetaldehyde	0.000374	2.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.73E-09	0.00E+00	0.00E+00	0.00E+00
667	-3026.51	724.93	75070	Acetaldehyde	0.000443	3.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.23E-09	0.00E+00	0.00E+00	0.00E+00
668	-1679.82	1478.41	75070	Acetaldehyde	1.04E-03	7.59E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.59E-09	0.00E+00	0.00E+00	0.00E+00
669	-922.86	446.42	75070	Acetaldehyde	0.0103	7.51E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-08	0.00E+00	0.00E+00	0.00E+00
670	-1799.42	1088.51	75070	Acetaldehyde	9.20E-04	6.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.71E-09	0.00E+00	0.00E+00	0.00E+00
671	-359.36	1846.44	75070	Acetaldehyde	0.00195	1.42E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00
672	671.3	-742.78	75070	Acetaldehyde	0.0181	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
673	-1565.55	-932.22	75070	Acetaldehyde	0.000789	5.76E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.76E-09	0.00E+00	0.00E+00	0.00E+00
674	-1733.02	-528.24	75070	Acetaldehyde	-0.0017	-1.24E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.24E-08	0.00E+00	0.00E+00	0.00E+00
675	-1261.46	-507.67	75070	Acetaldehyde	-0.00119	-8.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.68E-09	0.00E+00	0.00E+00	0.00E+00
676	-883.92	-503.26	75070	Acetaldehyde	-0.000654	-4.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.77E-09	0.00E+00	0.00E+00	0.00E+00
677	1599.35	-1104.97	75070	Acetaldehyde	0.00729	5.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-08	0.00E+00	0.00E+00	0.00E+00
678	1608.16	-1382.63	75070	Acetaldehyde	0.00586	4.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.28E-08	0.00E+00	0.00E+00	0.00E+00
679	3517.15	-1425.27	75070	Acetaldehyde	0.00355	2.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00
680	2959.77	-846.37	75070	Acetaldehyde	0.00362	2.64E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00
681	3479.67	224.81	75070	Acetaldehyde	0.000649	4.73E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.73E-09	0.00E+00	0.00E+00	0.00E+00
682	44.43	1469.76	75070	Acetaldehyde	0.0024	1.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-08	0.00E+00	0.00E+00	0.00E+00
683	3044.83	-34	75070	Acetaldehyde	0.000948	6.92E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.92E-09	0.00E+00	0.00E+00	0.00E+00
684	1088	-938	75070	Acetaldehyde	0.0161	1.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00
685	1647	-390	75070	Acetaldehyde	0.00037	2.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.70E-09	0.00E+00	0.00E+00	0.00E+00
686	1650	-890	75070	Acetaldehyde	0.00576	4.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00
687	1430	215	75070	Acetaldehyde	-0.00503	-3.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.67E-08	0.00E+00	0.00E+00	0.00E+00
688	1142	615	75070	Acetaldehyde	0.00172	1.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00
689	-333	-788	75070	Acetaldehyde	0.00814	5.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00
690	-42	-825	75070	Acetaldehyde	0.0106	7.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00
691	1900	-1175	75070	Acetaldehyde	0.00832	6.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.07E-08	0.00E+00	0.00E+00	0.00E+00
692	1815	-1910	75070	Acetaldehyde	0.00473	3.45E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.45E-08	0.00E+00	0.00E+00	0.00E+00
693	2575	-2650	75070	Acetaldehyde	0.00283	2.06E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00
694	2665	-2025	75070	Acetaldehyde	0.00404	2.95E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00
695	3480	-2025	75070	Acetaldehyde	0.00341	2.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.49E-08	0.00E+00	0.00E+00	0.00E+00
696	2667	-1400	75070	Acetaldehyde	0.00562	4.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00
697	3400	-250	75070	Acetaldehyde	0.00105	7.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.66E-09	0.00E+00	0.00E+00	0.00E+00
698	2577	-940	75070	Acetaldehyde	0.00576	4.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00
699	2404	-475	75070	Acetaldehyde	0.00311	2.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00
700	1577	291	75070	Acetaldehyde	0.00193	1.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.41E-08	0.00E+00	0.00E+00	0.00E+00
701	2400	240	75070	Acetaldehyde	0.00103	7.51E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.51E-09	0.00E+00	0.00E+00	0.00E+00
702	2600	1290	75070	Acetaldehyde	0.000956	6.97E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-09	0.00E+00	0.00E+00	0.00E+00
703	900	935	75070	Acetaldehyde	0.00188	1.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00
704	1375	1395	75070	Acetaldehyde	0.0019	1.39E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00
705	-1710.89	-383.91	71432	Benzene	-0.0133	-9.70E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.70E-07	0.00E+00	0.00E+00	0.00E+00
706	-1778.03	-291.29	71432	Benzene	-0.00884	-6.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.45E-07	0.00E+00	0.00E+00	0.00E+00
707	-1732.28	175.05	71432	Benzene	-0.00257	-1.88E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.88E-07	0.00E+00	0.00E+00	0.00E+00
708	-1579.43	347.93	71432	Benzene	-0.00243	-1.77E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.77E-07	0.00E+00	0.00E+00	0.00E+00
709	-1525.43	516.64	71432	Benzene	-0.00206	-1.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.50E-07	0.00E+00	0.00E+00	0.00E+00
710	-1332.88	500.04	71432	Benzene	-0.00104	-7.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.59E-08	0.00E+00	0.00E+00	0.00E+00
711	-1140.45	476.3	71432	Benzene	-0.00226	-1.65E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.65E-07	0.00E+00	0.00E+00	0.00E+00
712	-672.12	353.55	71432	Benzene	-0.00891	-6.50E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.50E-07	0.00E+00	0.00E+00	0.00E+00
713	-169.37	170.38	71432	Benzene	-0.00142	-1.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.04E-07	0.00E+00	0.00E+00	0.00E+00
714	-75.04	299.11	71432	Benzene	-0.00318	-2.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.32E-07	0.00E+00	0.00E+00	0.00E+00
715	49.15	527.2	71432	Benzene	-0.00554	-4.04E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-07	0.00E+00	0.00E+00	0.00E+00
716	144.22	648.15	71432	Benzene	-0.00755	-5.51E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.51E-07	0.00E+00	0.00E+00	0.00E+00
717	394.15	623.31	71432	Benzene	-0.0175	-1.28E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.28E-06	0.00E+00	0.00E+00	0.00E+00
718	501.62	717.12	71432	Benzene	-0.0317	-2.31E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-06	0.00E+00	0.00E+00	0.00E+00
719	618.47	665.12	71432	Benzene	-0.0212	-1.55E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.55E-06	0.00E+00	0.00E+00	0.00E+00
720	755.45	579.13	71432	Benzene	-0.0155	-1.13E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.13E-06	0.00E+00	0.00E+00	0.00E+00
721	867.79	485.41	71432	Benzene	-0.0148	-1.08E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-06	0.00E+00	0.00E+00	0.00E+00
722	955.03	377.6	71432	Benzene	-0.0132	-9.63E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.63E-07	0.00E+00	0.00E+00	0.00E+00
723	1331.68	-165.58	71432	Benzene	-0.0207	-1.51E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.51E-06	0.00E+00	0.00E+00	0.00E+00
724	1406.74	-290.13	71432	Benzene	-0.0149	-1.09E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.09E-06	0.00E+00	0.00E+00	0.00E+00
725	1456.2	-436.06	71432	Benzene	-0.0215	-1.57E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.57E-06	0.00E+00	0.00E+00	0.00E+00
726	1209.21	-528.32	71432	Benzene	-0.00942	-6.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.87E-07	0.00E+00	0.00E+00	0.00E+00
727	913.01	-694.67	71432	Benzene	-0.0777	-5.67E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.67E-06	0.00E+00	0.00E+00	0.00E+00
728	717.24	-664.22	71432	Benzene	-0.0645	-4.71E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.71E-06	0.00E+00	0.00E+00	0.00E+00
729	544.23	-594.35	71432	Benzene	-0.0727	-5.30E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.30E-06	0.00E+00	0.00E+00	0.00E+00
730	338.12	-539.73	71432	Benzene	-0.0769	-5.61E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.61E-06	0.00E+00	0.00E+00	0.00E+00
731	123.44	-529.45	71432	Benzene	-0.0581	-4.24E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.24E-06	0.00E+00	0.00E+00	0.00E+00
732	-353.26	-515.05	71432	Benzene	-0.067	-4.89E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.89E-06	0.00E+00	0.00E+00	0.00E+00
733	-537.68	-487.8	71432	Benzene	-0.0743	-5.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.42E-06	0.00E+00	0.00E+00	0.00E+00
734	-775.51	-486.07	71432	Benzene	-0.0877	-6.40E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.40E-06	0.00E+00	0.00E+00	0.00E+00
735	-1414.44	-481.5	71432	Benzene	-0.0483	-3.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-06	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
736	-1515.21	-320.18	71432	Benzene	-0.0309	-2.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.25E-06	0.00E+00	0.00E+00	0.00E+00
737	-1749.69	-63.9	71432	Benzene	-0.00529	-3.86E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.86E-07	0.00E+00	0.00E+00	0.00E+00
738	-920.57	426.17	71432	Benzene	-6.82E-03	-4.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.98E-07	0.00E+00	0.00E+00	0.00E+00
739	-420.73	233.87	71432	Benzene	-6.76E-03	-4.93E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.93E-07	0.00E+00	0.00E+00	0.00E+00
740	1090.12	214.1	71432	Benzene	-3.68E-02	-2.68E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.68E-06	0.00E+00	0.00E+00	0.00E+00
741	1183.39	65.17	71432	Benzene	-2.67E-02	-1.95E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.95E-06	0.00E+00	0.00E+00	0.00E+00
742	1055.3	-577.42	71432	Benzene	-1.59E-02	-1.16E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-06	0.00E+00	0.00E+00	0.00E+00
743	-103.02	-518.78	71432	Benzene	-5.85E-02	-4.27E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.27E-06	0.00E+00	0.00E+00	0.00E+00
744	-1076.39	-488.67	71432	Benzene	-7.19E-02	-5.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.25E-06	0.00E+00	0.00E+00	0.00E+00
745	-4113.79	-1330.97	71432	Benzene	-4.38E-04	-3.20E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-08	0.00E+00	0.00E+00	0.00E+00
746	-5050.04	-958.41	71432	Benzene	-3.16E-04	-2.31E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.31E-08	0.00E+00	0.00E+00	0.00E+00
747	-4023.97	-112.26	71432	Benzene	-4.79E-04	-3.49E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.49E-08	0.00E+00	0.00E+00	0.00E+00
748	-2122.34	995.23	71432	Benzene	-7.31E-04	-5.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.33E-08	0.00E+00	0.00E+00	0.00E+00
749	-2734.69	227.4	71432	Benzene	-9.50E-04	-6.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.93E-08	0.00E+00	0.00E+00	0.00E+00
750	-2371.11	-69.21	71432	Benzene	-1.82E-03	-1.33E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.33E-07	0.00E+00	0.00E+00	0.00E+00
751	-2146.26	177.17	71432	Benzene	-1.59E-03	-1.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.16E-07	0.00E+00	0.00E+00	0.00E+00
752	-1919.02	445.07	71432	Benzene	-1.20E-03	-8.75E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.75E-08	0.00E+00	0.00E+00	0.00E+00
753	-1651.12	607.72	71432	Benzene	-1.61E-03	-1.17E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-07	0.00E+00	0.00E+00	0.00E+00
754	-3361.39	677.09	71432	Benzene	-4.57E-04	-3.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.33E-08	0.00E+00	0.00E+00	0.00E+00
755	-3026.51	724.93	71432	Benzene	-5.04E-04	-3.68E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.68E-08	0.00E+00	0.00E+00	0.00E+00
756	-1679.82	1478.41	71432	Benzene	-8.77E-04	-6.40E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.40E-08	0.00E+00	0.00E+00	0.00E+00
757	-922.86	446.42	71432	Benzene	-6.41E-03	-4.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-07	0.00E+00	0.00E+00	0.00E+00
758	-1799.42	1088.51	71432	Benzene	-9.69E-04	-7.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.07E-08	0.00E+00	0.00E+00	0.00E+00
759	-359.36	1846.44	71432	Benzene	-1.92E-03	-1.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-07	0.00E+00	0.00E+00	0.00E+00
760	671.3	-742.78	71432	Benzene	-1.95E-02	-1.42E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.42E-06	0.00E+00	0.00E+00	0.00E+00
761	-1565.55	-932.22	71432	Benzene	-1.53E-02	-1.12E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.12E-06	0.00E+00	0.00E+00	0.00E+00
762	-1733.02	-528.24	71432	Benzene	-2.55E-02	-1.86E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-06	0.00E+00	0.00E+00	0.00E+00
763	-1261.46	-507.67	71432	Benzene	-4.82E-02	-3.52E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.52E-06	0.00E+00	0.00E+00	0.00E+00
764	-883.92	-503.26	71432	Benzene	-6.25E-02	-4.56E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.56E-06	0.00E+00	0.00E+00	0.00E+00
765	1599.35	-1104.97	71432	Benzene	-2.60E-02	-1.90E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.90E-06	0.00E+00	0.00E+00	0.00E+00
766	1608.16	-1382.63	71432	Benzene	-1.62E-02	-1.18E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-06	0.00E+00	0.00E+00	0.00E+00
767	3517.15	-1425.27	71432	Benzene	-1.48E-03	-1.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-07	0.00E+00	0.00E+00	0.00E+00
768	2959.77	-846.37	71432	Benzene	-1.73E-03	-1.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.26E-07	0.00E+00	0.00E+00	0.00E+00
769	3479.67	224.81	71432	Benzene	-7.05E-04	-5.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.14E-08	0.00E+00	0.00E+00	0.00E+00
770	44.43	1469.76	71432	Benzene	-3.14E-03	-2.29E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.29E-07	0.00E+00	0.00E+00	0.00E+00
771	3044.83	-34	71432	Benzene	-1.27E-03	-9.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-08	0.00E+00	0.00E+00	0.00E+00
772	1088	-938	71432	Benzene	-1.20E-02	-8.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.75E-07	0.00E+00	0.00E+00	0.00E+00
773	1647	-390	71432	Benzene	-4.43E-02	-3.23E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.23E-06	0.00E+00	0.00E+00	0.00E+00
774	1650	-890	71432	Benzene	-4.85E-02	-3.54E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-06	0.00E+00	0.00E+00	0.00E+00
775	1430	215	71432	Benzene	-4.38E-02	-3.20E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.20E-06	0.00E+00	0.00E+00	0.00E+00
776	1142	615	71432	Benzene	-1.05E-02	-7.66E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.66E-07	0.00E+00	0.00E+00	0.00E+00
777	-333	-788	71432	Benzene	-1.88E-02	-1.37E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.37E-06	0.00E+00	0.00E+00	0.00E+00
778	-42	-825	71432	Benzene	-1.40E-02	-1.02E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.02E-06	0.00E+00	0.00E+00	0.00E+00
779	1900	-1175	71432	Benzene	-1.10E-02	-8.03E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.03E-07	0.00E+00	0.00E+00	0.00E+00
780	1815	-1910	71432	Benzene	-4.41E-03	-3.22E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.22E-07	0.00E+00	0.00E+00	0.00E+00
781	2575	-2650	71432	Benzene	-2.02E-03	-1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
782	2665	-2025	71432	Benzene	-2.72E-03	-1.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.98E-07	0.00E+00	0.00E+00	0.00E+00
783	3480	-2025	71432	Benzene	-1.87E-03	-1.36E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.36E-07	0.00E+00	0.00E+00	0.00E+00
784	2667	-1400	71432	Benzene	-3.40E-03	-2.48E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.48E-07	0.00E+00	0.00E+00	0.00E+00
785	3400	-250	71432	Benzene	-1.02E-03	-7.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.44E-08	0.00E+00	0.00E+00	0.00E+00
786	2577	-940	71432	Benzene	-3.11E-03	-2.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.27E-07	0.00E+00	0.00E+00	0.00E+00
787	2404	-475	71432	Benzene	-3.99E-03	-2.91E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.91E-07	0.00E+00	0.00E+00	0.00E+00
788	1577	291	71432	Benzene	-8.95E-03	-6.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.53E-07	0.00E+00	0.00E+00	0.00E+00
789	2400	240	71432	Benzene	-2.16E-03	-1.58E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.58E-07	0.00E+00	0.00E+00	0.00E+00
790	2600	1290	71432	Benzene	-8.82E-04	-6.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.43E-08	0.00E+00	0.00E+00	0.00E+00
791	900	935	71432	Benzene	-7.41E-03	-5.41E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.41E-07	0.00E+00	0.00E+00	0.00E+00
792	1375	1395	71432	Benzene	-1.92E-03	-1.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.40E-07	0.00E+00	0.00E+00	0.00E+00
793	-1710.89	-383.91	100414	Ethyl Benzene	-4.20E-03	-2.67E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.67E-08	0.00E+00	0.00E+00	0.00E+00
794	-1778.03	-291.29	100414	Ethyl Benzene	-2.85E-03	-1.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.81E-08	0.00E+00	0.00E+00	0.00E+00
795	-1732.28	175.05	100414	Ethyl Benzene	-1.05E-03	-6.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.66E-09	0.00E+00	0.00E+00	0.00E+00
796	-1579.43	347.93	100414	Ethyl Benzene	-1.05E-03	-6.66E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.66E-09	0.00E+00	0.00E+00	0.00E+00
797	-1525.43	516.64	100414	Ethyl Benzene	-9.06E-04	-5.75E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.75E-09	0.00E+00	0.00E+00	0.00E+00
798	-1332.88	500.04	100414	Ethyl Benzene	-1.26E-03	-8.00E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.00E-09	0.00E+00	0.00E+00	0.00E+00
799	-1140.45	476.3	100414	Ethyl Benzene	-1.92E-03	-1.22E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.22E-08	0.00E+00	0.00E+00	0.00E+00
800	-672.12	353.55	100414	Ethyl Benzene	-3.48E-03	-2.21E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.21E-08	0.00E+00	0.00E+00	0.00E+00
801	-169.37	170.38	100414	Ethyl Benzene	-1.54E-03	-9.77E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.77E-09	0.00E+00	0.00E+00	0.00E+00
802	-75.04	299.11	100414	Ethyl Benzene	-1.69E-03	-1.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.07E-08	0.00E+00	0.00E+00	0.00E+00
803	49.15	527.2	100414	Ethyl Benzene	-2.11E-03	-1.34E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.34E-08	0.00E+00	0.00E+00	0.00E+00
804	144.22	648.15	100414	Ethyl Benzene	-2.61E-03	-1.66E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.66E-08	0.00E+00	0.00E+00	0.00E+00
805	394.15	623.31	100414	Ethyl Benzene	-0.00545	-3.46E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.46E-08	0.00E+00	0.00E+00	0.00E+00
806	501.62	717.12	100414	Ethyl Benzene	-0.0095	-6.03E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.03E-08	0.00E+00	0.00E+00	0.00E+00
807	618.47	665.12	100414	Ethyl Benzene	-0.00647	-4.11E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.11E-08	0.00E+00	0.00E+00	0.00E+00
808	755.45	579.13	100414	Ethyl Benzene	-0.00485	-3.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.08E-08	0.00E+00	0.00E+00	0.00E+00
809	867.79	485.41	100414	Ethyl Benzene	-0.00467	-2.96E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.96E-08	0.00E+00	0.00E+00	0.00E+00
810	955.03	377.6	100414	Ethyl Benzene	-0.00425	-2.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.70E-08	0.00E+00	0.00E+00	0.00E+00
811	1331.68	-165.58	100414	Ethyl Benzene	-0.00688	-4.37E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.37E-08	0.00E+00	0.00E+00	0.00E+00
812	1406.74	-290.13	100414	Ethyl Benzene	-0.00557	-3.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.54E-08	0.00E+00	0.00E+00	0.00E+00
813	1456.2	-436.06	100414	Ethyl Benzene	-0.00833	-5.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.29E-08	0.00E+00	0.00E+00	0.00E+00
814	1209.21	-528.32	100414	Ethyl Benzene	-0.00685	-4.35E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.35E-08	0.00E+00	0.00E+00	0.00E+00
815	913.01	-694.67	100414	Ethyl Benzene	-0.0246	-1.56E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.56E-07	0.00E+00	0.00E+00	0.00E+00
816	717.24	-664.22	100414	Ethyl Benzene	-0.0207	-1.31E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.31E-07	0.00E+00	0.00E+00	0.00E+00
817	544.23	-594.35	100414	Ethyl Benzene	-0.0231	-1.47E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.47E-07	0.00E+00	0.00E+00	0.00E+00
818	338.12	-539.73	100414	Ethyl Benzene	-0.0243	-1.54E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-07	0.00E+00	0.00E+00	0.00E+00
819	123.44	-529.45	100414	Ethyl Benzene	-0.0187	-1.19E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.19E-07	0.00E+00	0.00E+00	0.00E+00
820	-353.26	-515.05	100414	Ethyl Benzene	-0.0208	-1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.32E-07	0.00E+00	0.00E+00	0.00E+00
821	-537.68	-487.8	100414	Ethyl Benzene	-0.0228	-1.45E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.45E-07	0.00E+00	0.00E+00	0.00E+00
822	-775.51	-486.07	100414	Ethyl Benzene	-0.0264	-1.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.68E-07	0.00E+00	0.00E+00	0.00E+00
823	-1414.44	-481.5	100414	Ethyl Benzene	-0.0146	-9.27E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.27E-08	0.00E+00	0.00E+00	0.00E+00
824	-1515.21	-320.18	100414	Ethyl Benzene	-0.00959	-6.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.09E-08	0.00E+00	0.00E+00	0.00E+00
825	-1749.69	-63.9	100414	Ethyl Benzene	-0.00185	-1.17E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.17E-08	0.00E+00	0.00E+00	0.00E+00
826	-920.57	426.17	100414	Ethyl Benzene	-0.00293	-1.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.86E-08	0.00E+00	0.00E+00	0.00E+00
827	-420.73	233.87	100414	Ethyl Benzene	-0.00304	-1.93E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.93E-08	0.00E+00	0.00E+00	0.00E+00
828	1090.12	214.1	100414	Ethyl Benzene	-0.0111	-7.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.05E-08	0.00E+00	0.00E+00	0.00E+00
829	1183.39	65.17	100414	Ethyl Benzene	-0.00832	-5.28E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.28E-08	0.00E+00	0.00E+00	0.00E+00
830	1055.3	-577.42	100414	Ethyl Benzene	-0.00795	-5.05E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.05E-08	0.00E+00	0.00E+00	0.00E+00
831	-103.02	-518.78	100414	Ethyl Benzene	-0.0186	-1.18E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.18E-07	0.00E+00	0.00E+00	0.00E+00
832	-1076.39	-488.67	100414	Ethyl Benzene	-0.0217	-1.38E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.38E-07	0.00E+00	0.00E+00	0.00E+00
833	-4113.79	-1330.97	100414	Ethyl Benzene	-0.000156	-9.90E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.90E-10	0.00E+00	0.00E+00	0.00E+00
834	-5050.04	-958.41	100414	Ethyl Benzene	-0.00011	-6.98E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.98E-10	0.00E+00	0.00E+00	0.00E+00
835	-4023.97	-112.26	100414	Ethyl Benzene	-0.000166	-1.05E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.05E-09	0.00E+00	0.00E+00	0.00E+00
836	-2122.34	995.23	100414	Ethyl Benzene	-0.000267	-1.69E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.69E-09	0.00E+00	0.00E+00	0.00E+00
837	-2734.69	227.4	100414	Ethyl Benzene	-0.000338	-2.15E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.15E-09	0.00E+00	0.00E+00	0.00E+00
838	-2371.11	-69.21	100414	Ethyl Benzene	-0.00062	-3.94E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.94E-09	0.00E+00	0.00E+00	0.00E+00
839	-2146.26	177.17	100414	Ethyl Benzene	-0.000584	-3.71E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.71E-09	0.00E+00	0.00E+00	0.00E+00
840	-1919.02	445.07	100414	Ethyl Benzene	-0.000489	-3.10E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.10E-09	0.00E+00	0.00E+00	0.00E+00

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
841	-1651.12	607.72	100414	Ethyl Benzene	-0.000636	-4.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.04E-09	0.00E+00	0.00E+00	0.00E+00
842	-3361.39	677.09	100414	Ethyl Benzene	-0.00017	-1.08E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.08E-09	0.00E+00	0.00E+00	0.00E+00
843	-3026.51	724.93	100414	Ethyl Benzene	-0.000189	-1.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.20E-09	0.00E+00	0.00E+00	0.00E+00
844	-1679.82	1478.41	100414	Ethyl Benzene	-0.000351	-2.23E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.23E-09	0.00E+00	0.00E+00	0.00E+00
845	-922.86	446.42	100414	Ethyl Benzene	-2.78E-03	-1.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.76E-08	0.00E+00	0.00E+00	0.00E+00
846	-1799.42	1088.51	100414	Ethyl Benzene	-3.70E-04	-2.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.35E-09	0.00E+00	0.00E+00	0.00E+00
847	-359.36	1846.44	100414	Ethyl Benzene	-7.44E-04	-4.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-09	0.00E+00	0.00E+00	0.00E+00
848	671.3	-742.78	100414	Ethyl Benzene	-7.40E-03	-4.70E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-08	0.00E+00	0.00E+00	0.00E+00
849	-1565.55	-932.22	100414	Ethyl Benzene	-0.00476	-3.02E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.02E-08	0.00E+00	0.00E+00	0.00E+00
850	-1733.02	-528.24	100414	Ethyl Benzene	-0.00766	-4.86E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.86E-08	0.00E+00	0.00E+00	0.00E+00
851	-1261.46	-507.67	100414	Ethyl Benzene	-0.0147	-9.33E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-08	0.00E+00	0.00E+00	0.00E+00
852	-883.92	-503.26	100414	Ethyl Benzene	-0.0191	-1.21E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.21E-07	0.00E+00	0.00E+00	0.00E+00
853	1599.35	-1104.97	100414	Ethyl Benzene	-0.00853	-5.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.41E-08	0.00E+00	0.00E+00	0.00E+00
854	1608.16	-1382.63	100414	Ethyl Benzene	-5.41E-03	-3.43E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.43E-08	0.00E+00	0.00E+00	0.00E+00
855	3517.15	-1425.27	100414	Ethyl Benzene	-7.37E-04	-4.68E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.68E-09	0.00E+00	0.00E+00	0.00E+00
856	2959.77	-846.37	100414	Ethyl Benzene	-0.000817	-5.19E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.19E-09	0.00E+00	0.00E+00	0.00E+00
857	3479.67	224.81	100414	Ethyl Benzene	-0.000268	-1.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.70E-09	0.00E+00	0.00E+00	0.00E+00
858	44.43	1469.76	100414	Ethyl Benzene	-0.00115	-7.30E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.30E-09	0.00E+00	0.00E+00	0.00E+00
859	3044.83	-34	100414	Ethyl Benzene	-0.000465	-2.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.95E-09	0.00E+00	0.00E+00	0.00E+00
860	1088	-938	100414	Ethyl Benzene	-0.00497	-3.15E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.15E-08	0.00E+00	0.00E+00	0.00E+00
861	1647	-390	100414	Ethyl Benzene	-0.0136	-8.63E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.63E-08	0.00E+00	0.00E+00	0.00E+00
862	1650	-890	100414	Ethyl Benzene	-0.0153	-9.71E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.71E-08	0.00E+00	0.00E+00	0.00E+00
863	1430	215	100414	Ethyl Benzene	-0.013	-8.25E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.25E-08	0.00E+00	0.00E+00	0.00E+00
864	1142	615	100414	Ethyl Benzene	-0.00337	-2.14E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.14E-08	0.00E+00	0.00E+00	0.00E+00
865	-333	-788	100414	Ethyl Benzene	-0.00642	-4.07E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.07E-08	0.00E+00	0.00E+00	0.00E+00
866	-42	-825	100414	Ethyl Benzene	-0.00514	-3.26E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.26E-08	0.00E+00	0.00E+00	0.00E+00
867	1900	-1175	100414	Ethyl Benzene	-0.00402	-2.55E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.55E-08	0.00E+00	0.00E+00	0.00E+00
868	1815	-1910	100414	Ethyl Benzene	-0.00173	-1.10E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.10E-08	0.00E+00	0.00E+00	0.00E+00
869	2575	-2650	100414	Ethyl Benzene	-0.000843	-5.35E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.35E-09	0.00E+00	0.00E+00	0.00E+00
870	2665	-2025	100414	Ethyl Benzene	-0.00116	-7.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.36E-09	0.00E+00	0.00E+00	0.00E+00
871	3480	-2025	100414	Ethyl Benzene	-0.000844	-5.36E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.36E-09	0.00E+00	0.00E+00	0.00E+00
872	2667	-1400	100414	Ethyl Benzene	-1.49E-03	-9.46E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.46E-09	0.00E+00	0.00E+00	0.00E+00
873	3400	-250	100414	Ethyl Benzene	-3.97E-04	-2.52E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.52E-09	0.00E+00	0.00E+00	0.00E+00
874	2577	-940	100414	Ethyl Benzene	-0.00141	-8.95E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.95E-09	0.00E+00	0.00E+00	0.00E+00
875	2404	-475	100414	Ethyl Benzene	-0.00147	-9.33E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.33E-09	0.00E+00	0.00E+00	0.00E+00
876	1577	291	100414	Ethyl Benzene	-0.00289	-1.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.83E-08	0.00E+00	0.00E+00	0.00E+00
877	2400	240	100414	Ethyl Benzene	-7.44E-04	-4.72E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.72E-09	0.00E+00	0.00E+00	0.00E+00
878	2600	1290	100414	Ethyl Benzene	-3.46E-04	-2.20E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.20E-09	0.00E+00	0.00E+00	0.00E+00
879	900	935	100414	Ethyl Benzene	-2.42E-03	-1.54E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.54E-08	0.00E+00	0.00E+00	0.00E+00
880	1375	1395	100414	Ethyl Benzene	-0.00074	-4.70E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.70E-09	0.00E+00	0.00E+00	0.00E+00
881	-1710.89	-383.91	50000	Formaldehyde	0.00641	9.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.82E-08	0.00E+00	0.00E+00	0.00E+00
882	-1778.03	-291.29	50000	Formaldehyde	0.00656	1.01E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.01E-07	0.00E+00	0.00E+00	0.00E+00
883	-1732.28	175.05	50000	Formaldehyde	0.01	1.53E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00
884	-1579.43	347.93	50000	Formaldehyde	0.0114	1.75E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00
885	-1525.43	516.64	50000	Formaldehyde	0.0104	1.59E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00
886	-1332.88	500.04	50000	Formaldehyde	0.0347	5.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.32E-07	0.00E+00	0.00E+00	0.00E+00
887	-1140.45	476.3	50000	Formaldehyde	0.0455	6.97E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.97E-07	0.00E+00	0.00E+00	0.00E+00
888	-672.12	353.55	50000	Formaldehyde	0.0289	4.43E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.43E-07	0.00E+00	0.00E+00	0.00E+00
889	-169.37	170.38	50000	Formaldehyde	0.0409	6.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-07	0.00E+00	0.00E+00	0.00E+00
890	-75.04	299.11	50000	Formaldehyde	0.0266	4.08E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00
891	49.15	527.2	50000	Formaldehyde	0.0159	2.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00
892	144.22	648.15	50000	Formaldehyde	0.012	1.84E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00
893	394.15	623.31	50000	Formaldehyde	0.00599	9.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.18E-08	0.00E+00	0.00E+00	0.00E+00
894	501.62	717.12	50000	Formaldehyde	-0.00355	-5.44E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.44E-08	0.00E+00	0.00E+00	0.00E+00
895	618.47	665.12	50000	Formaldehyde	0.00241	3.69E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.69E-08	0.00E+00	0.00E+00	0.00E+00
896	755.45	579.13	50000	Formaldehyde	0.006	9.19E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.19E-08	0.00E+00	0.00E+00	0.00E+00
897	867.79	485.41	50000	Formaldehyde	0.00717	1.10E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00
898	955.03	377.6	50000	Formaldehyde	0.00941	1.44E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00
899	1331.68	-165.58	50000	Formaldehyde	2.20E-02	3.37E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00
900	1406.74	-290.13	50000	Formaldehyde	0.039	5.98E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.98E-07	0.00E+00	0.00E+00	0.00E+00
901	1456.2	-436.06	50000	Formaldehyde	0.0673	1.03E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00
902	1209.21	-528.32	50000	Formaldehyde	0.147	2.25E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.25E-06	0.00E+00	0.00E+00	0.00E+00
903	913.01	-694.67	50000	Formaldehyde	4.09E-02	6.27E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.27E-07	0.00E+00	0.00E+00	0.00E+00
904	717.24	-664.22	50000	Formaldehyde	0.0436	6.68E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.68E-07	0.00E+00	0.00E+00	0.00E+00
905	544.23	-594.35	50000	Formaldehyde	4.17E-02	6.39E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.39E-07	0.00E+00	0.00E+00	0.00E+00
906	338.12	-539.73	50000	Formaldehyde	3.82E-02	5.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.85E-07	0.00E+00	0.00E+00	0.00E+00
907	123.44	-529.45	50000	Formaldehyde	0.0402	6.16E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.16E-07	0.00E+00	0.00E+00	0.00E+00
908	-353.26	-515.05	50000	Formaldehyde	0.0186	2.85E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.85E-07	0.00E+00	0.00E+00	0.00E+00
909	-537.68	-487.8	50000	Formaldehyde	0.011	1.69E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00
910	-775.51	-486.07	50000	Formaldehyde	-0.00358	-5.48E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.48E-08	0.00E+00	0.00E+00	0.00E+00
911	-1414.44	-481.5	50000	Formaldehyde	-0.00167	-2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.56E-08	0.00E+00	0.00E+00	0.00E+00
912	-1515.21	-320.18	50000	Formaldehyde	0.00859	1.32E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00
913	-1749.69	-63.9	50000	Formaldehyde	0.00913	1.40E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00
914	-920.57	426.17	50000	Formaldehyde	0.0318	4.87E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.87E-07	0.00E+00	0.00E+00	0.00E+00
915	-420.73	233.87	50000	Formaldehyde	0.0367	5.62E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00
916	1090.12	214.1	50000	Formaldehyde	-0.00104	-1.59E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.59E-08	0.00E+00	0.00E+00	0.00E+00
917	1183.39	65.17	50000	Formaldehyde	0.00823	1.26E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00
918	1055.3	-577.42	50000	Formaldehyde	0.115	1.76E-06	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-06	0.00E+00	0.00E+00	0.00E+00
919	-103.02	-518.78	50000	Formaldehyde	0.0321	4.92E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.92E-07	0.00E+00	0.00E+00	0.00E+00
920	-1076.39	-488.67	50000	Formaldehyde	-0.00388	-5.94E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.94E-08	0.00E+00	0.00E+00	0.00E+00
921	-4113.79	-1330.97	50000	Formaldehyde	0.000845	1.29E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00
922	-5050.04	-958.41	50000	Formaldehyde	0.000525	8.04E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.04E-09	0.00E+00	0.00E+00	0.00E+00
923	-4023.97	-112.26	50000	Formaldehyde	0.000772	1.18E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00
924	-2122.34	995.23	50000	Formaldehyde	1.67E-03	2.56E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00
925	-2734.69	227.4	50000	Formaldehyde	0.00184	2.82E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00
926	-2371.11	-69.21	50000	Formaldehyde	0.00256	3.92E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00
927	-2146.26	177.17	50000	Formaldehyde	0.00379	5.81E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.81E-08	0.00E+00	0.00E+00	0.00E+00
928	-1919.02	445.07	50000	Formaldehyde	0.00463	7.09E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.09E-08	0.00E+00	0.00E+00	0.00E+00
929	-1651.12	607.72	50000	Formaldehyde	0.00549	8.41E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.41E-08	0.00E+00	0.00E+00	0.00E+00
930	-3361.39	677.09	50000	Formaldehyde	1.15E-03	1.76E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00
931	-3026.51	724.93	50000	Formaldehyde	0.00136	2.08E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00
932	-1679.82	1478.41	50000	Formaldehyde	0.00315	4.83E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00
933	-922.86	446.42	50000	Formaldehyde	0.0311	4.76E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.76E-07	0.00E+00	0.00E+00	0.00E+00
934	-1799.42	1088.51	50000	Formaldehyde	0.00282	4.32E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00
935	-359.36	1846.44	50000	Formaldehyde	0.00595	9.12E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.12E-08	0.00E+00	0.00E+00	0.00E+00
936	671.3	-742.78	50000	Formaldehyde	0.0554	8.49E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.49E-07	0.00E+00	0.00E+00	0.00E+00
937	-1565.55	-932.22	50000	Formaldehyde	0.00424	6.50E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.50E-08	0.00E+00	0.00E+00	0.00E+00
938	-1733.02	-528.24	50000	Formaldehyde	-0.00178	-2.73E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.73E-08	0.00E+00	0.00E+00	0.00E+00
939	-1261.46	-507.67	50000	Formaldehyde	0.00258	3.9527E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9527E-08	0	0	0
940	-883.92	-503.26	50000	Formaldehyde	0.00595	9.1158E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.1158E-08	0	0	0
941	1599.35	-1104.97	50000	Formaldehyde	0.0246	3.7689E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.7689E-07	0	0	0
942	1608.16	-1382.63	50000	Formaldehyde	0.0192	2.9416E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.9416E-07	0	0	0
943	3517.15	-1425.27	50000	Formaldehyde	0.0106	1.624E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.624E-07	0	0	0
944	2959.77	-846.37	50000	Formaldehyde	0.0108	1.6546E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6546E-07	0	0	0
945	3479.67	224.81	50000	Formaldehyde	0.00199	3.0488E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0488E-08	0	0	0

*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
946	44.43	1469.76	50000	Formaldehyde	0.00744	1.1399E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1399E-07	0	0	0
947	3044.83	-34	50000	Formaldehyde	0.00294	4.5043E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.5043E-08	0	0	0
948	1088	-938	50000	Formaldehyde	0.0486	7.4459E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	7.4459E-07	0	0	0
949	1647	-390	50000	Formaldehyde	0.00667	1.0219E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0219E-07	0	0	0
950	1650	-890	50000	Formaldehyde	0.023	3.5238E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.5238E-07	0	0	0
951	1430	215	50000	Formaldehyde	-0.00922	-1.4126E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.4126E-07	0	0	0
952	1142	615	50000	Formaldehyde	0.00638	9.7746E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.7746E-08	0	0	0
953	-333	-788	50000	Formaldehyde	0.0262	4.014E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.014E-07	0	0	0
954	-42	-825	50000	Formaldehyde	0.0327	5.0099E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0099E-07	0	0	0
955	1900	-1175	50000	Formaldehyde	0.0258	3.9527E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.9527E-07	0	0	0
956	1815	-1910	50000	Formaldehyde	0.0144	2.2062E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.2062E-07	0	0	0
957	2575	-2650	50000	Formaldehyde	0.00854	1.3084E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.3084E-07	0	0	0
958	2665	-2025	50000	Formaldehyde	0.0122	1.8691E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8691E-07	0	0	0
959	3480	-2025	50000	Formaldehyde	0.0102	1.5627E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5627E-07	0	0	0
960	2667	-1400	50000	Formaldehyde	0.0169	2.5892E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5892E-07	0	0	0
961	3400	-250	50000	Formaldehyde	0.00321	4.9179E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.9179E-08	0	0	0
962	2577	-940	50000	Formaldehyde	0.0173	2.6505E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6505E-07	0	0	0
963	2404	-475	50000	Formaldehyde	0.00961	1.4723E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.4723E-07	0	0	0
964	1577	291	50000	Formaldehyde	0.00679	1.0403E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.0403E-07	0	0	0
965	2400	240	50000	Formaldehyde	0.00328	5.0252E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.0252E-08	0	0	0
966	2600	1290	50000	Formaldehyde	0.00291	4.4583E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.4583E-08	0	0	0
967	900	935	50000	Formaldehyde	0.00644	9.8665E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.8665E-08	0	0	0
968	1375	1395	50000	Formaldehyde	0.0058	8.886E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.886E-08	0	0	0
969	-1710.89	-383.91	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
970	-1778.03	-291.29	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
971	-1732.28	175.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
972	-1579.43	347.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
973	-1525.43	516.64	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
974	-1332.88	500.04	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
975	-1140.45	476.3	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
976	-672.12	353.55	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
977	-169.37	170.38	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
978	-75.04	299.11	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
979	49.15	527.2	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
980	144.22	648.15	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
981	394.15	623.31	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
982	501.62	717.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
983	618.47	665.12	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
984	755.45	579.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
985	867.79	485.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
986	955.03	377.6	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
987	1331.68	-165.58	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
988	1406.74	-290.13	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
989	1456.2	-436.06	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
990	1209.21	-528.32	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
991	913.01	-694.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
992	717.24	-664.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
993	544.23	-594.35	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
994	338.12	-539.73	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
995	123.44	-529.45	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
996	-353.26	-515.05	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
997	-537.68	-487.8	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
998	-775.51	-486.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
999	-1414.44	-481.5	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1000	-1515.21	-320.18	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1001	-1749.69	-63.9	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1002	-920.57	426.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1003	-420.73	233.87	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1004	1090.12	214.1	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1005	1183.39	65.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1006	1055.3	-577.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1007	-103.02	-518.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1008	-1076.39	-488.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1009	-4113.79	-1330.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1010	-5050.04	-958.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1011	-4023.97	-112.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1012	-2122.34	995.23	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1013	-2734.69	227.4	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1014	-2371.11	-69.21	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1015	-2146.26	177.17	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1016	-1919.02	445.07	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1017	-1651.12	607.72	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1018	-3361.39	677.09	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1019	-3026.51	724.93	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1020	-1679.82	1478.41	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1021	-922.86	446.42	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1022	-1799.42	1088.51	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1023	-359.36	1846.44	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1024	671.3	-742.78	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1025	-1565.55	-932.22	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1026	-1733.02	-528.24	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1027	-1261.46	-507.67	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1028	-883.92	-503.26	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1029	1599.35	-1104.97	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1030	1608.16	-1382.63	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1031	3517.15	-1425.27	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1032	2959.77	-846.37	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1033	3479.67	224.81	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1034	44.43	1469.76	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1035	3044.83	-34	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1036	1088	-938	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1037	1647	-390	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1038	1650	-890	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1039	1430	215	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1040	1142	615	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1041	-333	-788	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1042	-42	-825	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1043	1900	-1175	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1044	1815	-1910	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1045	2575	-2650	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1046	2665	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1047	3480	-2025	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1048	2667	-1400	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1049	3400	-250	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1050	2577	-940	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0

*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

INDEX	GRP1	GRP2	POLID	POLABBREV	CONC	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_RISK	MMILK_RISK
1051	2404	-475	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1052	1577	291	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1053	2400	240	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1054	2600	1290	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1055	900	935	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1056	1375	1395	75092	Methylene Chlor	0	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1057	-1710.89	-383.91	91203	Naphthalene	-0.000799	-6.995E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.995E-08	0	0	0
1058	-1778.03	-291.29	91203	Naphthalene	-0.000454	-3.9746E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9746E-08	0	0	0
1059	-1732.28	175.05	91203	Naphthalene	0.00014	1.2257E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2257E-08	0	0	0
1060	-1579.43	347.93	91203	Naphthalene	0.000195	1.7072E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7072E-08	0	0	0
1061	-1525.43	516.64	91203	Naphthalene	0.000193	1.6897E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.6897E-08	0	0	0
1062	-1332.88	500.04	91203	Naphthalene	0.00109	9.5426E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.5426E-08	0	0	0
1063	-1140.45	476.3	91203	Naphthalene	0.00135	1.1819E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1819E-07	0	0	0
1064	-672.12	353.55	91203	Naphthalene	0.00029	2.5389E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5389E-08	0	0	0
1065	-169.37	170.38	91203	Naphthalene	0.00126	1.1031E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1031E-07	0	0	0
1066	-75.04	299.11	91203	Naphthalene	0.000651	5.6993E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.6993E-08	0	0	0
1067	49.15	527.2	91203	Naphthalene	0.000111	9.7177E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	9.7177E-09	0	0	0
1068	144.22	648.15	91203	Naphthalene	-0.000172	-1.5058E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5058E-08	0	0	0
1069	394.15	623.31	91203	Naphthalene	-0.00113	-9.8928E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.8928E-08	0	0	0
1070	501.62	717.12	91203	Naphthalene	-0.00253	-2.2149E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.2149E-07	0	0	0
1071	618.47	665.12	91203	Naphthalene	-0.00153	-1.3395E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.3395E-07	0	0	0
1072	755.45	579.13	91203	Naphthalene	-0.000979	-8.5708E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.5708E-08	0	0	0
1073	867.79	485.41	91203	Naphthalene	-0.000886	-7.7567E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.7567E-08	0	0	0
1074	955.03	377.6	91203	Naphthalene	-0.00069	-6.0407E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-6.0407E-08	0	0	0
1075	1331.68	-165.58	91203	Naphthalene	-0.000843	-7.3802E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-7.3802E-08	0	0	0
1076	1406.74	-290.13	91203	Naphthalene	0.000173	1.5146E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5146E-08	0	0	0
1077	1456.2	-436.06	91203	Naphthalene	0.000624	5.4629E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.4629E-08	0	0	0
1078	1209.21	-528.32	91203	Naphthalene	0.00421	3.6857E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.6857E-07	0	0	0
1079	913.01	-694.67	91203	Naphthalene	-0.00455	-3.9834E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9834E-07	0	0	0
1080	717.24	-664.22	91203	Naphthalene	-0.00345	-3.0204E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0204E-07	0	0	0
1081	544.23	-594.35	91203	Naphthalene	-0.00414	-3.6244E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.6244E-07	0	0	0
1082	338.12	-539.73	91203	Naphthalene	-0.00458	-4.0097E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.0097E-07	0	0	0
1083	123.44	-529.45	91203	Naphthalene	-0.00308	-2.6964E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.6964E-07	0	0	0
1084	-353.26	-515.05	91203	Naphthalene	-0.00448	-3.9221E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9221E-07	0	0	0
1085	-537.68	-487.8	91203	Naphthalene	-0.00529	-4.6312E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.6312E-07	0	0	0
1086	-775.51	-486.07	91203	Naphthalene	-0.0068	-5.9532E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.9532E-07	0	0	0
1087	-1414.44	-481.5	91203	Naphthalene	-0.00374	-3.2743E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.2743E-07	0	0	0
1088	-1515.21	-320.18	91203	Naphthalene	-0.00207	-1.8122E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.8122E-07	0	0	0
1089	-1749.69	-63.9	91203	Naphthalene	-0.000097	-8.4921E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-8.4921E-09	0	0	0
1090	-920.57	426.17	91203	Naphthalene	0.000548	4.7976E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.7976E-08	0	0	0
1091	-420.73	233.87	91203	Naphthalene	0.000715	6.2596E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2596E-08	0	0	0
1092	1090.12	214.1	91203	Naphthalene	-0.00284	-2.4863E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.4863E-07	0	0	0
1093	1183.39	65.17	91203	Naphthalene	-0.00176	-1.5408E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.5408E-07	0	0	0
1094	1055.3	-577.42	91203	Naphthalene	0.00265	0.000000232	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0.000000232	0	0	0
1095	-103.02	-518.78	91203	Naphthalene	-0.00338	-2.9591E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.9591E-07	0	0	0
1096	-1076.39	-488.67	91203	Naphthalene	-0.00561	-4.9114E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.9114E-07	0	0	0
1097	-4113.79	-1330.97	91203	Naphthalene	-0.00000505	-4.4211E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.4211E-10	0	0	0
1098	-5050.04	-958.41	91203	Naphthalene	-0.00000647	-5.6643E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.6643E-10	0	0	0
1099	-4023.97	-112.26	91203	Naphthalene	-0.0000106	-9.28E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.28E-10	0	0	0
1100	-2122.34	995.23	91203	Naphthalene	0.000000368	3.2217E-11	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2217E-11	0	0	0
1101	-2734.69	227.4	91203	Naphthalene	-0.0000108	-9.4551E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.4551E-10	0	0	0
1102	-2371.11	-69.21	91203	Naphthalene	-0.000053	-4.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.64E-09	0	0	0
1103	-2146.26	177.17	91203	Naphthalene	0.00000594	5.2003E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.2003E-10	0	0	0
1104	-1919.02	445.07	91203	Naphthalene	0.000064	5.603E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.603E-09	0	0	0
1105	-1651.12	607.72	91203	Naphthalene	0.0000615	5.3841E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	5.3841E-09	0	0	0
1106	-3361.39	677.09	91203	Naphthalene	0.0000039	3.4143E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.4143E-10	0	0	0
1107	-3026.51	724.93	91203	Naphthalene	0.00000732	6.4084E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.4084E-10	0	0	0
1108	-1679.82	1478.41	91203	Naphthalene	0.0000388	3.3968E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.3968E-09	0	0	0
1109	-922.86	446.42	91203	Naphthalene	0.000555	4.8589E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.8589E-08	0	0	0
1110	-1799.42	1088.51	91203	Naphthalene	0.0000207	1.8122E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.8122E-09	0	0	0
1111	-359.36	1846.44	91203	Naphthalene	0.000053	4.64E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.64E-09	0	0	0
1112	671.3	-742.78	91203	Naphthalene	0.000374	3.2743E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.2743E-08	0	0	0
1113	-1565.55	-932.22	91203	Naphthalene	-0.00103	-9.0173E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-9.0173E-08	0	0	0
1114	-1733.02	-528.24	91203	Naphthalene	-0.002	-1.7509E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.7509E-07	0	0	0
1115	-1261.46	-507.67	91203	Naphthalene	-0.00359	-3.1429E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1429E-07	0	0	0
1116	-883.92	-503.26	91203	Naphthalene	-0.00456	-3.9921E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9921E-07	0	0	0
1117	1599.35	-1104.97	91203	Naphthalene	-0.00115	-1.0068E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-1.0068E-07	0	0	0
1118	1608.16	-1382.63	91203	Naphthalene	-0.000587	-5.139E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.139E-08	0	0	0
1119	3517.15	-1425.27	91203	Naphthalene	0.000242	2.1186E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.1186E-08	0	0	0
1120	2959.77	-846.37	91203	Naphthalene	0.000232	2.0311E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.0311E-08	0	0	0
1121	3479.67	224.81	91203	Naphthalene	0.000013	1.1381E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1381E-09	0	0	0
1122	44.43	1469.76	91203	Naphthalene	0.0000101	8.8422E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	8.8422E-10	0	0	0
1123	3044.83	-34	91203	Naphthalene	0.00000151	1.322E-10	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.322E-10	0	0	0
1124	1088	-938	91203	Naphthalene	0.000711	6.2246E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	6.2246E-08	0	0	0
1125	1647	-390	91203	Naphthalene	-0.00316	-2.7665E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.7665E-07	0	0	0
1126	1650	-890	91203	Naphthalene	-0.00293	-2.5651E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-2.5651E-07	0	0	0
1127	1430	215	91203	Naphthalene	-0.00364	-3.1867E-07	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.1867E-07	0	0	0
1128	1142	615	91203	Naphthalene	-0.00059	-5.1653E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-5.1653E-08	0	0	0
1129	-333	-788	91203	Naphthalene	-0.000556	-4.8676E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.8676E-08	0	0	0
1130	-42	-825	91203	Naphthalene	0.000029	2.5389E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.5389E-09	0	0	0
1131	1900	-1175	91203	Naphthalene	0.0000281	2.4601E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.4601E-09	0	0	0
1132	1815	-1910	91203	Naphthalene	0.000148	1.2957E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.2957E-08	0	0	0
1133	2575	-2650	91203	Naphthalene	0.000133	1.1644E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.1644E-08	0	0	0
1134	2665	-2025	91203	Naphthalene	0.000201	1.7597E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7597E-08	0	0	0
1135	3480	-2025	91203	Naphthalene	0.000201	1.7597E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.7597E-08	0	0	0
1136	2667	-1400	91203	Naphthalene	0.000308	2.6964E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6964E-08	0	0	0
1137	3400	-250	91203	Naphthalene	0.0000297	2.6001E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6001E-09	0	0	0
1138	2577	-940	91203	Naphthalene	0.000343	3.0029E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	3.0029E-08	0	0	0
1139	2404	-475	91203	Naphthalene	0.000018	1.5758E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	1.5758E-09	0	0	0
1140	1577	291	91203	Naphthalene	-0.000454	-3.9746E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.9746E-08	0	0	0
1141	2400	240	91203	Naphthalene	-0.0000546	-4.7801E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-4.7801E-09	0	0	0
1142	2600	1290	91203	Naphthalene	0.0000305	2.6702E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	2.6702E-09	0	0	0
1143	900	935	91203	Naphthalene	-0.000349	-3.0554E-08	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	-3.0554E-08	0	0	0
1144	1375	1395	91203	Naphthalene	0.0000479	4.1935E-09	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	4.1935E-09	0	0	0
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1146	-1778.03	-291.29	9960	SULFATES	-0.0194	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1147	-1732.28	175.05	9960	SULFATES	-0.00333	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
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1152	-672.12	353.55	9960	SULFATES	-0.0173	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1153	-169.37	170.38	9960	SULFATES	0.00553	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1154	-75.04	299.11	9960	SULFATES	0.00465	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
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*HARP - HRACalc v19044 8/22/2019 12:35:26 PM - Cancer Risk - Input File: D:\Onedrive - CDM Smith\SAN ADP\Cancer Risk (with Mitigation)\HARP2-RAST_Data-A4\RAST Outputs\A4_70-Year Resident_00-70_2035 Start_HRAInput.hra

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1156	144.22	648.15	9960	SULFATES	0.00541	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
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1158	501.62	717.12	9960	SULFATES	0.042	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1159	618.47	665.12	9960	SULFATES	0.0291	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1160	755.45	579.13	9960	SULFATES	0.0294	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1161	867.79	485.41	9960	SULFATES	0.0369	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1162	955.03	377.6	9960	SULFATES	0.042	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1163	1331.68	-165.58	9960	SULFATES	0.14	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1164	1406.74	-290.13	9960	SULFATES	0.0728	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1165	1456.2	-436.06	9960	SULFATES	0.0837	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1166	1209.21	-528.32	9960	SULFATES	0.0716	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1167	913.01	-694.67	9960	SULFATES	0.239	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1168	717.24	-664.22	9960	SULFATES	0.0946	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1169	544.23	-594.35	9960	SULFATES	0.0856	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
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1171	123.44	-529.45	9960	SULFATES	0.164	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
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1190	-2371.11	-69.21	9960	SULFATES	-0.0003	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
1191	-2146.26	177.17	9960	SULFATES	-0.000398	0	70YrCancerHighEnd_InhSoilDermMMilk_FAH3to70	0	0	0	0
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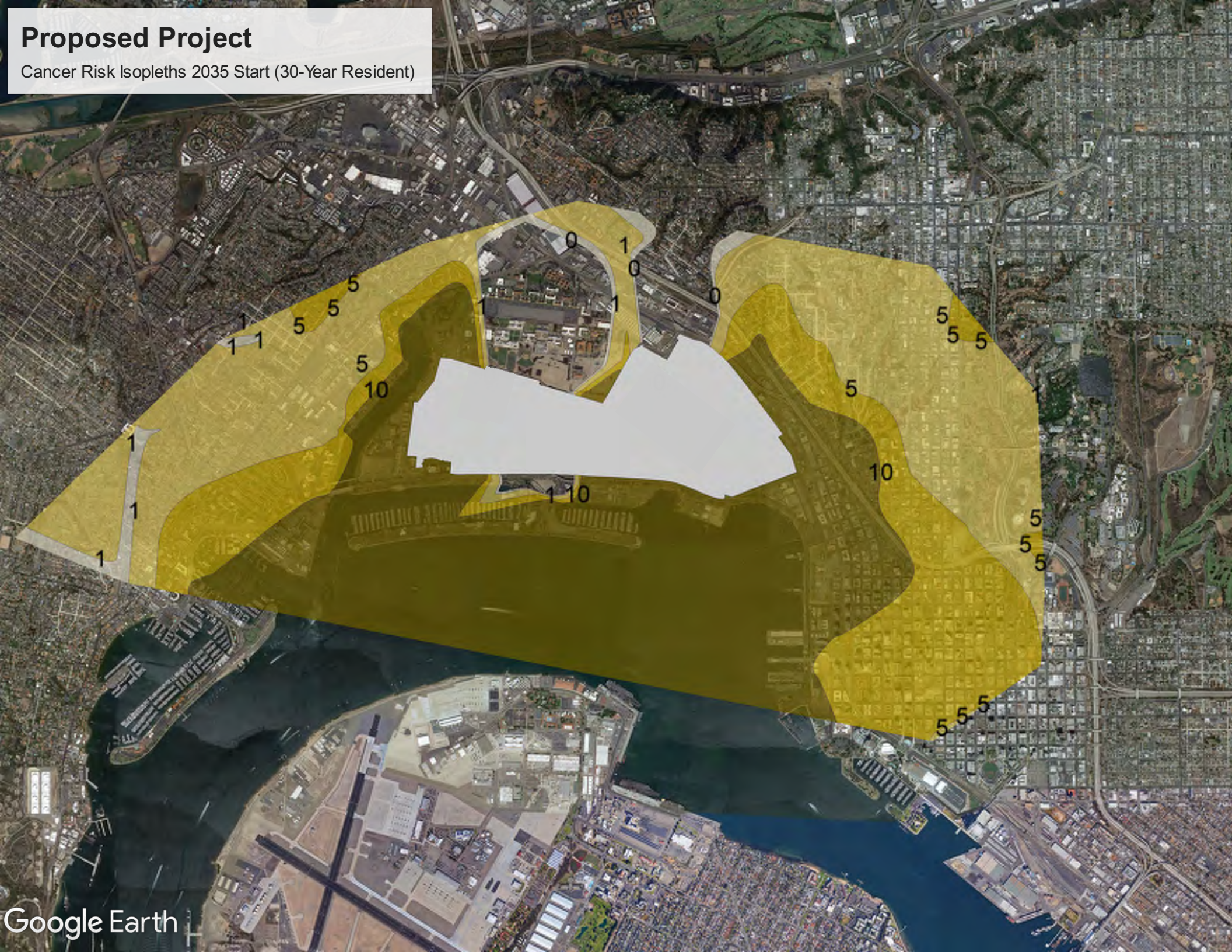
R-D5 – 30-Year Resident Cancer Risk Isopleths

Proposed Project

Cancer Risk Isopleths (30-Year Resident)

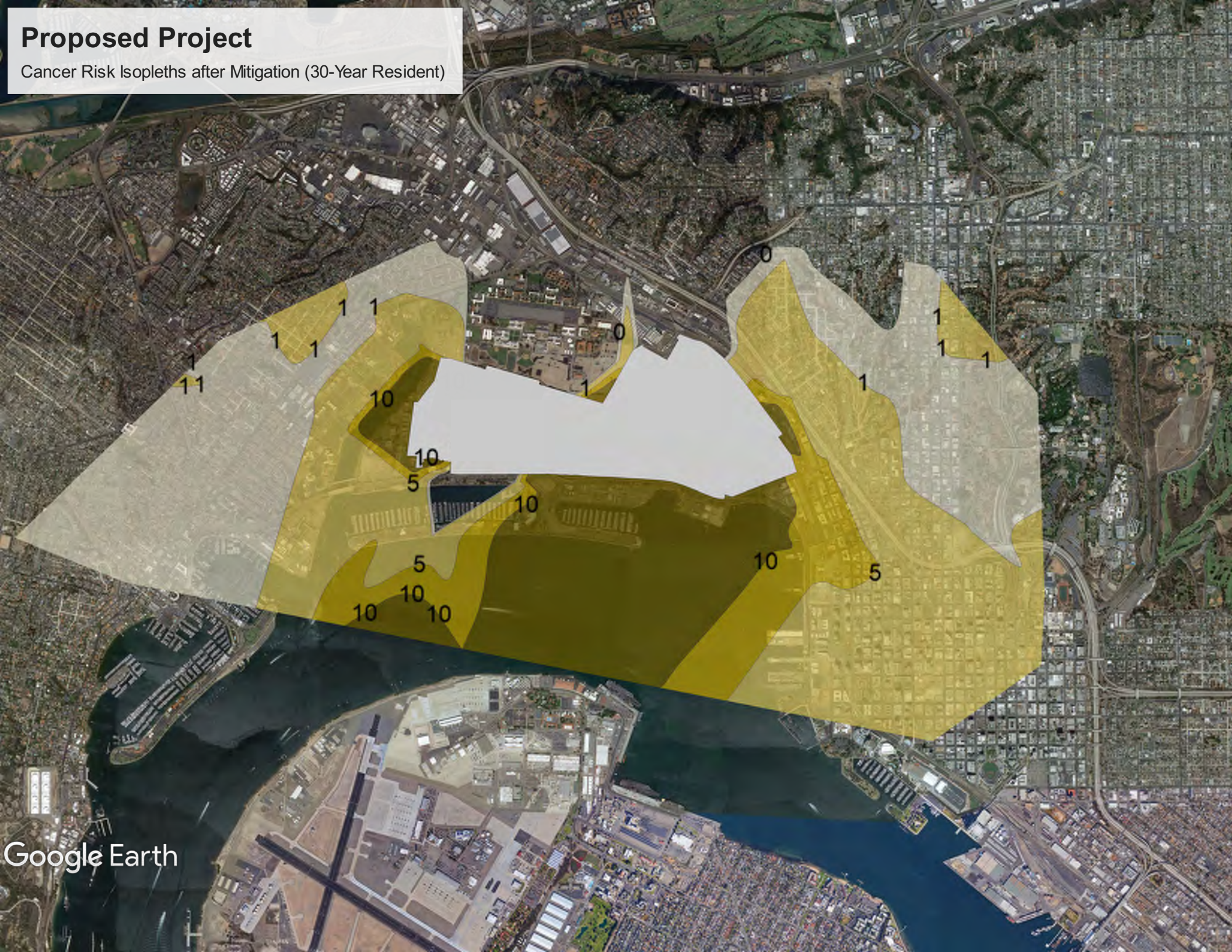
Proposed Project

Cancer Risk Isopleths 2035 Start (30-Year Resident)



Proposed Project

Cancer Risk Isopleths after Mitigation (30-Year Resident)



Proposed Project

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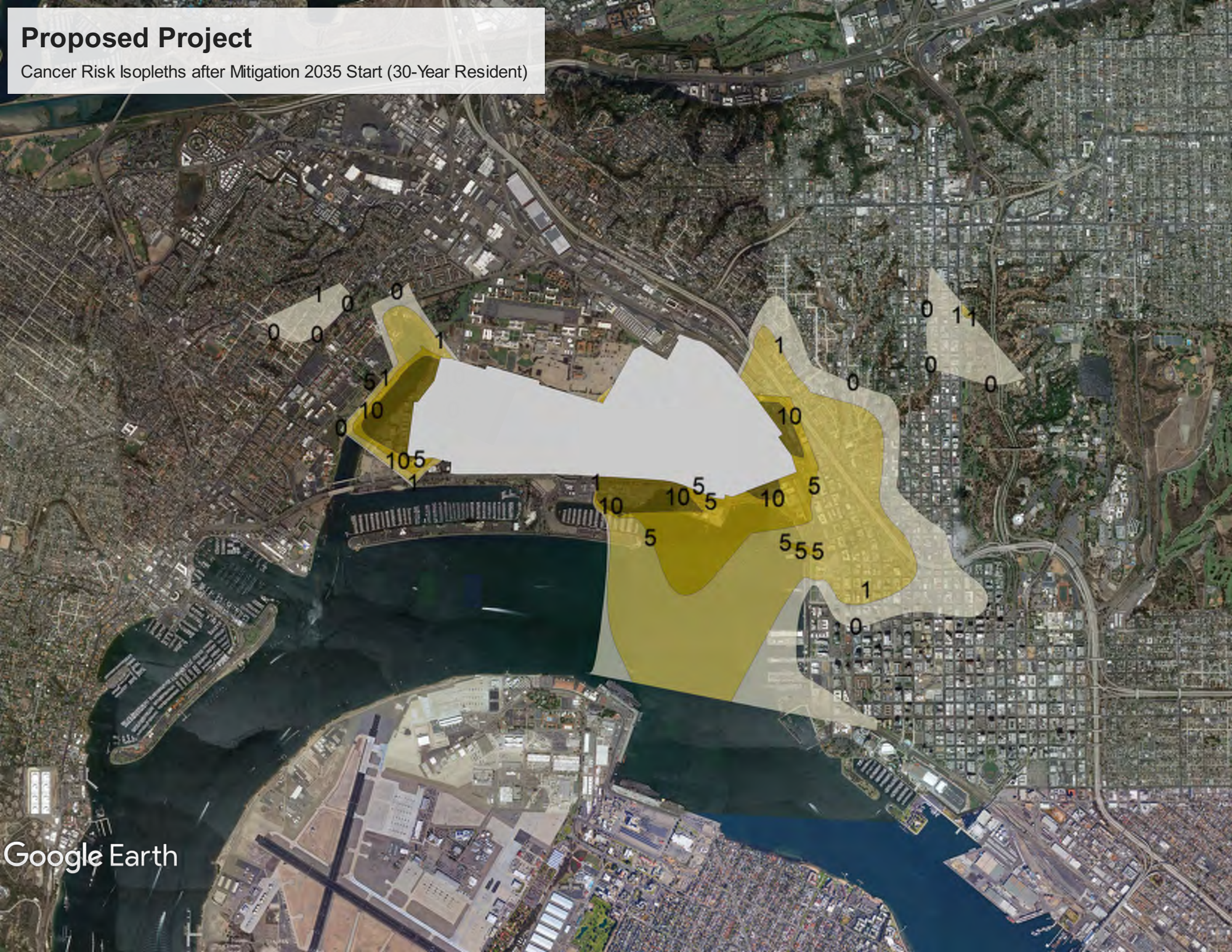
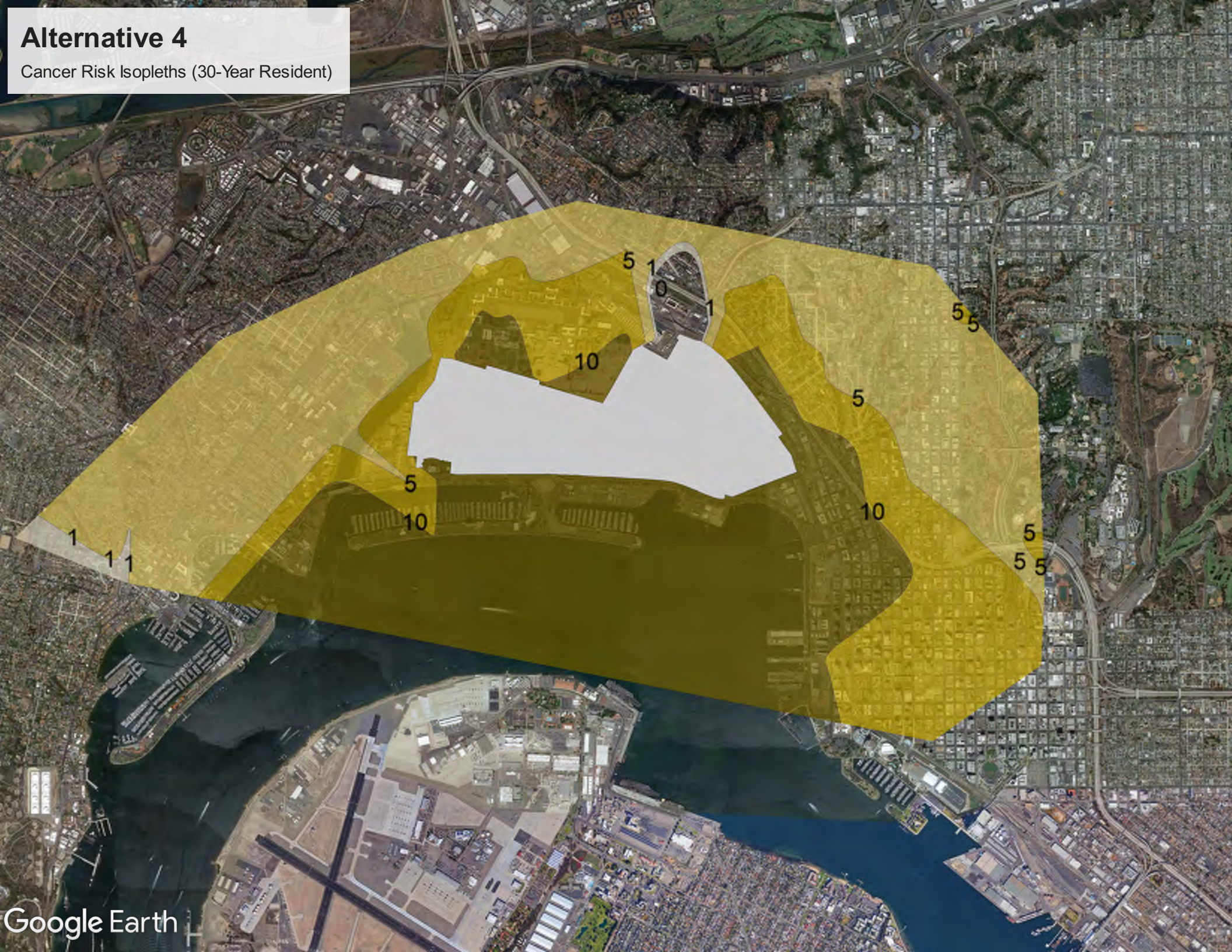


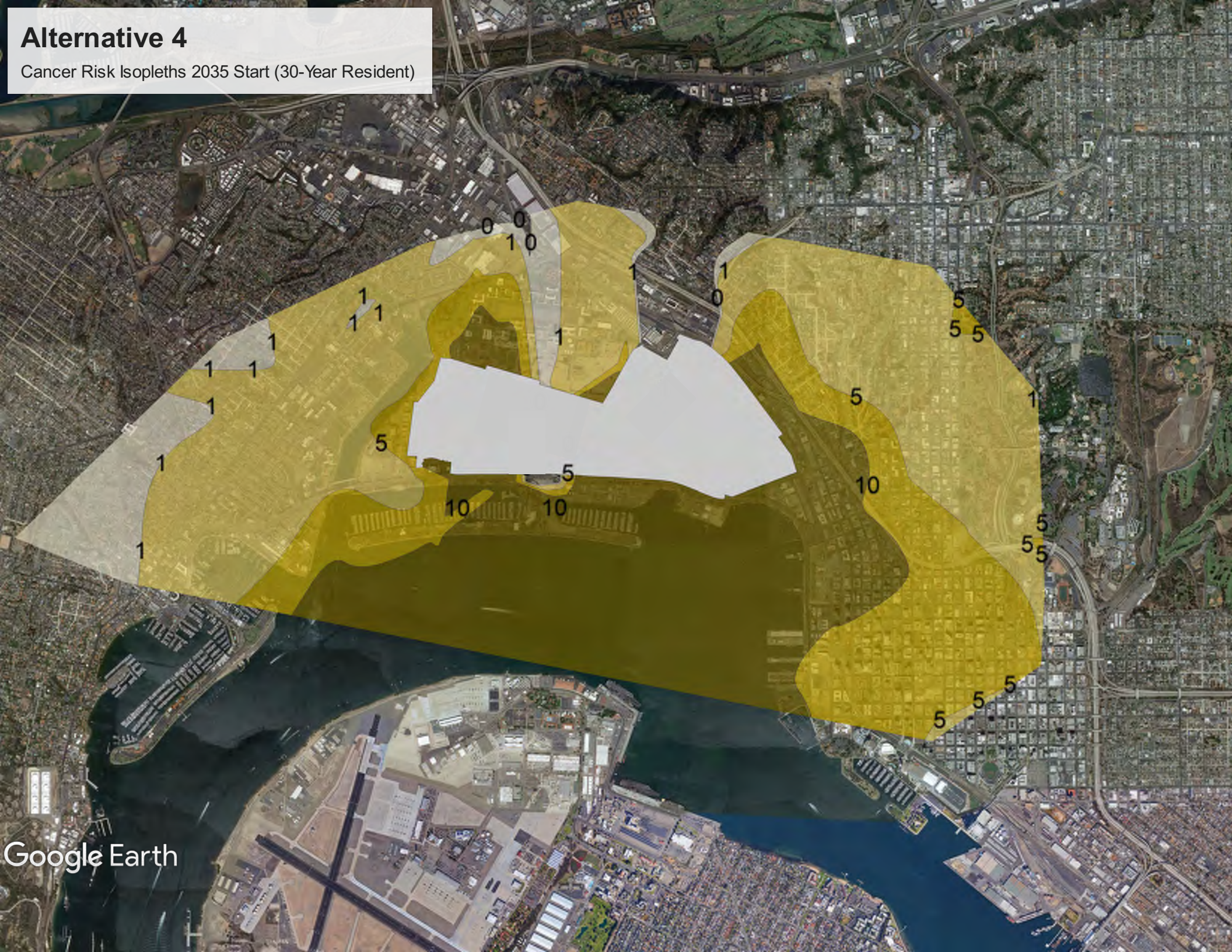
Alternative 4

Cancer Risk Isopleths (30-Year Resident)



Alternative 4

Cancer Risk Isopleths 2035 Start (30-Year Resident)



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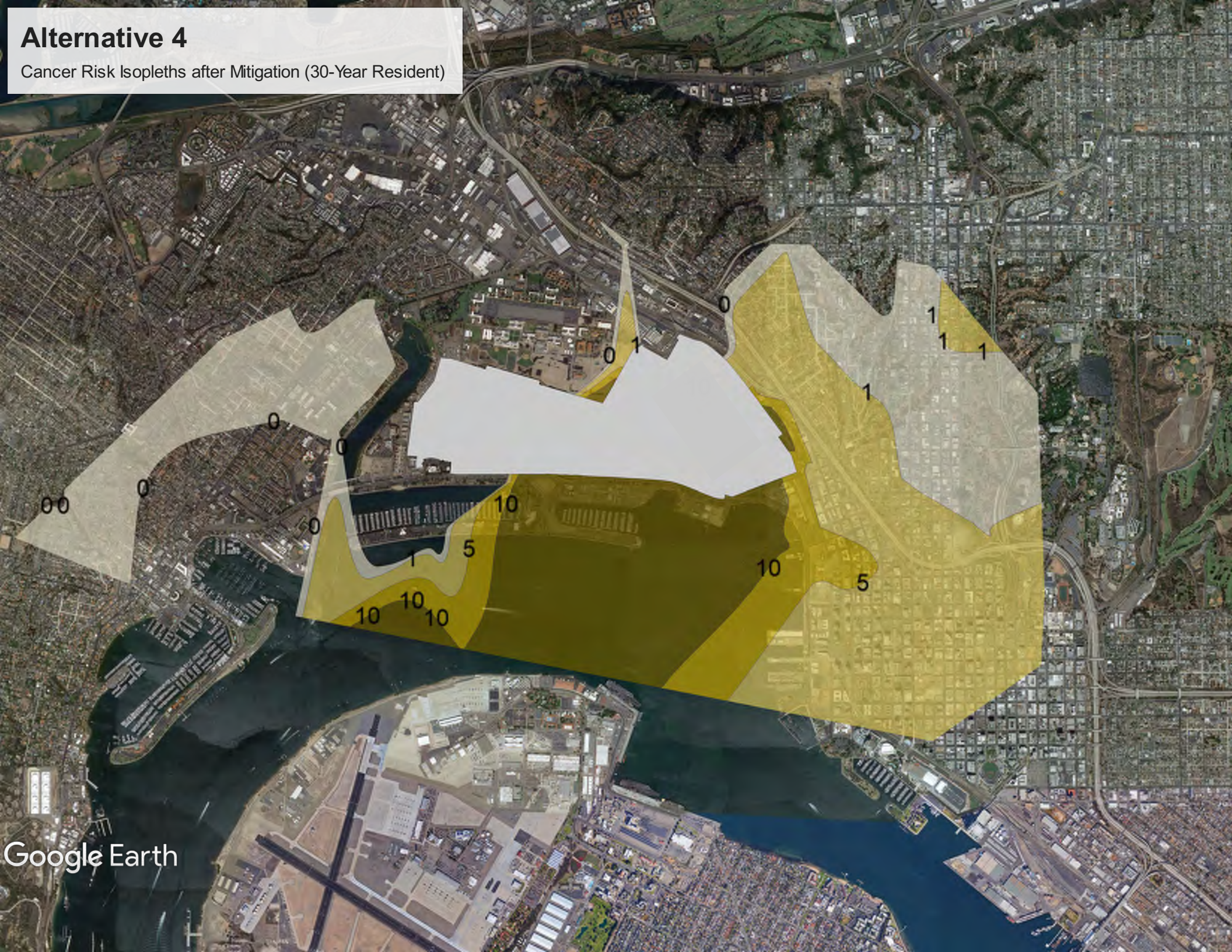

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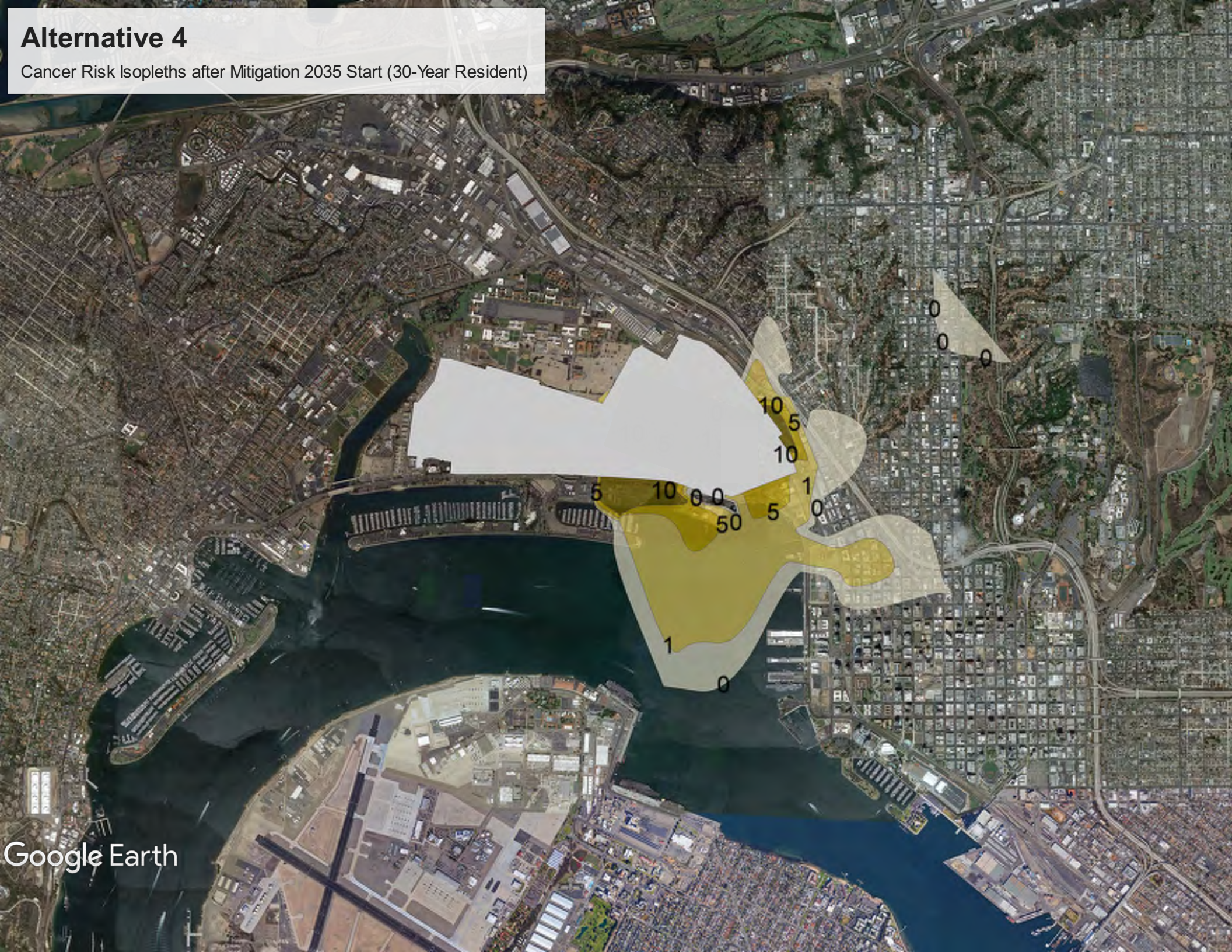
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